Peter J Halley

List of Publications by Year in Descending Order

167 papers	7,934 citations	46 h-index	83 g-index
171 ext. papers	8,780 ext. citations	5.7 avg, IF	6.01 L-index

#	Paper	IF	Citations
167	Halophyte biorefinery for polyhydroxyalkanoates production from Ulva sp. Hydrolysate with Haloferax mediterranei in pneumatically agitated bioreactors and ultrasound harvesting. *Bioresource Technology*, **2022**, 344, 125964	11	1
166	Advantages and Disadvantages of Bioplastics Production from Starch and Lignocellulosic Components. *Polymers*, **2021**, 13,	4.5	21
165	Inducing a Curl with a Stretch. *Physics Magazine*, **2020**, 13,	1.1	2
164	Mechanical Stability of Polyhydroxyalkanoate (PHA)-Based Wood Plastic Composites (WPCs). *Journal of Polymers and the Environment*, **2020**, 28, 1571-1577	4.5	7
163	Understanding the effect of copolymer content on the processability and mechanical properties of polyhydroxyalkanoate (PHA)/wood composites. *Composites Part A: Applied Science and Manufacturing*, **2019**, 124, 105437	8.4	14
162	Insights into the biodegradation of PHA / wood composites: Micro- and macroscopic changes. *Sustainable Materials and Technologies*, **2019**, 21, e00099	5.3	16
161	Mechanical and physical stability of polyhydroxyalkanoate (PHA)-based wood plastic composites (WPCs) under natural weathering. *Polymer Testing*, **2019**, 73, 214-221	4.5	25
160	Mechanical performance and long-term indoor stability of polyhydroxyalkanoate (PHA)-based wood plastic composites (WPCs) modified by non-reactive additives. *European Polymer Journal*, **2018**, 98, 337-346	5.2	19
159	Flexible starch-polyurethane films: Effect of mixed macrodiol polyurethane ionomers on physicochemical characteristics and hydrophobicity. *Carbohydrate Polymers*, **2018**, 197, 312-325	10.3	23
158	Composites of Wood and Biodegradable Thermoplastics: A Review. *Polymer Reviews*, **2018**, 58, 444-494	14	89
157	Mechanical properties of poly(3-hydroxybutyrate-co-3-hydroxyvalerate)/wood flour composites: Effect of interface modifiers. *Journal of Applied Polymer Science*, **2018**, 135, 46828	2.9	16
156	Facile Preparation of Starch-Based Electroconductive Films with Ionic Liquid. *ACS Sustainable Chemistry and Engineering*, **2017**, 5, 5457-5467	8.3	41
155	The effect of comonomer concentration and distribution on the photo-oxidative degradation of linear low density polyethylene films. *Polymer*, **2017**, 119, 66-75	3.9	17
154	Dissolution of Starch with Aqueous Ionic Liquid under Ambient Conditions. *ACS Sustainable Chemistry and Engineering*, **2017**, 5, 3737-3741	8.3	41
153	Lifetime prediction of biodegradable polymers. *Progress in Polymer Science*, **2017**, 71, 144-189	29.6	274
152	Optimizing Prednisolone Loading into Distiller's Dried Grain Kafirin Microparticles, and In vitro Release for Oral Delivery. *Pharmaceutics*, **2017**, 9,	6.4	5
151	The challenges in lifetime prediction of oxodegradable polyolefin and biodegradable polymer films. *Polymer Degradation and Stability*, **2017**, 145, 102-119	4.7	29

150	Mixed culture polyhydroxyalkanoate-rich biomass assessment and quality control using thermogravimetric measurement methods. *Polymer Degradation and Stability*, **2017**, 144, 110-120	4.7	17
149	Dissolution and regeneration behavior of chitosan in 3-methyl-1-(ethylacetyl)imidazolium chloride. *Fibers and Polymers*, **2016**, 17, 1741-1748	2	15
148	Different characteristic effects of ageing on starch-based films plasticised by 1-ethyl-3-methylimidazolium acetate and by glycerol. *Carbohydrate Polymers*, **2016**, 146, 67-79	10.3	33
147	Poly (glycerol-sebacate) bioelastomers: 2. Synthesis using Brabender Plasticoder as a batch reactor. *Journal of Applied Polymer Science*, **2016**, 133, n/a-n/a	2.9	5
146	Biodegradation of starch films: the roles of molecular and crystalline structure. *Carbohydrate Polymers*, **2015**, 122, 115-22	10.3	35
145	Lubrication of starch in ionic liquid-water mixtures: Soluble carbohydrate polymers form a boundary film on hydrophobic surfaces. *Carbohydrate Polymers*, **2015**, 133, 507-16	10.3	10
144	The effect of common agrichemicals on the environmental stability of polyethylene films. *Polymer Degradation and Stability*, **2015**, 120, 53-60	4.7	8
143	Understanding the structural disorganization of starch in water-ionic liquid solutions. *Physical Chemistry Chemical Physics*, **2015**, 17, 13860-71	3.6	62
142	Extrusion induced low-order starch matrices: Enzymic hydrolysis and structure. *Carbohydrate Polymers*, **2015**, 134, 485-96	10.3	43
141	Establishing whether the structural feature controlling the mechanical properties of starch films is molecular or crystalline. *Carbohydrate Polymers*, **2015**, 117, 262-270	10.3	24
140	Value-added bioplastics from services of wastewater treatment. *Water Practice and Technology*, **2015**, 10, 546-555	0.9	18
139	Effect of soil environment on the photo-degradation of polyethylene films. *Journal of Applied Polymer Science*, **2015**, 132, n/a-n/a	2.9	8
138	Mechanical performance of starch-based biocomposites **2015**, 53-92		2
137	Preparation andIn VitroRelease of Drug-Loaded Microparticles for Oral Delivery Using Wholegrain Sorghum Kafirin Protein. *International Journal of Polymer Science*, **2015**, 2015, 1-8	2.4	7
136	Characteristics of starch-based films with different amylose contents plasticised by 1-ethyl-3-methylimidazolium acetate. *Carbohydrate Polymers*, **2015**, 122, 160-8	10.3	39
135	Formulation and Characterization of Drug-Loaded Microparticles Using Distillers Dried Grain Kafirin. *Cereal Chemistry*, **2015**, 92, 246-252	2.4	10
134	Advanced Nano-biocomposites Based on Starch **2015**, 1467-1553		3
133	Technical note: correcting for shear strain in an oscillatory squeeze flow rheometer. *Rheologica Acta*, **2014**, 53, 103-107	2.3	2

132	Biorenewable blends of polyamide-11 and polylactide. *Polymer Engineering and Science*, **2014**, 54, 1523-1532	2.3	46
131	Reactive Extrusion for Thermoplastic Starch-Polymer Blends **2014**, 291-317		4
130	Starch Modification to Develop Novel Starch-Biopolymer Blends **2014**, 105-143		11
129	Shear degradation of molecular, crystalline, and granular structures of starch during extrusion. *Starch/Staerke*, **2014**, 66, 595-605	2.3	74
128	Crystallisation and fractionation of selected polyhydroxyalkanoates produced from mixed cultures. *New Biotechnology*, **2014**, 31, 345-56	6.4	33
127	In-line monitoring of thermal degradation of PHA during melt-processing by Near-Infrared spectroscopy. *New Biotechnology*, **2014**, 31, 357-63	6.4	20
126	Chemical modification of multiwalled carbon nanotube with a bifunctional caged ligand for radioactive labelling. *Acta Materialia*, **2014**, 64, 54-61	8.4	12
125	Thermal properties and crystallization behavior of fractionated blocky and random polyhydroxyalkanoate copolymers from mixed microbial cultures. *Journal of Applied Polymer Science*, **2014**, 131, n/a-n/a	2.9	18
124	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, 841-8	10.3	53
123	Thermoplastic Starch. *Journal of Renewable Materials*, **2014**, 2, 95-106	2.4	22
122	Advanced Nano-biocomposites Based on Starch **2014**, 1-75		12
121	Starch Applications **2014**, 381-419		8
120	Mechanical Properties of Starch-Based Plastics **2014**, 187-209		7
119	Starch Polymers: From the Field to Industrial Products **2014**, 3-10		15
118	Structure-Property Relationships of Genetically Modified Starch **2014**, 31-75		
117	The chemomechanical properties of microbial polyhydroxyalkanoates. *Progress in Polymer Science*, **2014**, 39, 397-442	29.6	135
116	Thermal and rheological effects of sepiolite in linear low-density polyethylene/starch blend. *Journal of Applied Polymer Science*, **2013**, 127, 1330-1337	2.9	15
115	Poly(glycerol sebacate) bioelastomers kinetics of step-growth reactions using Fourier Transform (FT)-Raman spectroscopy. *Journal of Applied Polymer Science*, **2013**, 127, 3980-3986	2.9	21

114	Physicochemical and mechanical properties of mixed culture polyhydroxyalkanoate (PHBV). *European Polymer Journal*, **2013**, 49, 904-913	5.2	70
113	The chemomechanical properties of microbial polyhydroxyalkanoates. *Progress in Polymer Science*, **2013**, 38, 536-583	29.6	269
112	Blends of biorenewable polyamide-11 and polyamide-6,10. *Polymer*, **2013**, 54, 6961-6970	3.9	32
111	Thermophysical properties and rheology of PHB/lignin blends. *Industrial Crops and Products*, **2013**, 50, 270-275	5.9	74
110	Effect of the ionic liquid 1-ethyl-3-methylimidazolium acetate on the phase transition of starch: dissolution or gelatinization?. *Carbohydrate Polymers*, **2013**, 94, 520-30	10.3	64
109	Correlation between chain microstructural changes and embrittlement of LLDPE-based films during photo- and thermo-oxidative degradation. *Polymer Degradation and Stability*, **2013**, 98, 425-435	4.7	28
108	Glycerol plasticised chitosan: A study of biodegradation via carbon dioxide evolution and nuclear magnetic resonance. *Polymer Degradation and Stability*, **2013**, 98, 1236-1246	4.7	22
107	Elaboration and properties of plasticised chitosan-based exfoliated nano-biocomposites. *Polymer*, **2013**, 54, 3654-3662	3.9	42
106	Starch-based nano-biocomposites. *Progress in Polymer Science*, **2013**, 38, 1590-1628	29.6	376
105	Impact of Controlled Hydrophobicity of the Organically Modified Silicates on the Properties of Biomedical Thermoplastic Polyurethane (TPU) Nanocomposites. *Advanced Materials Research*, **2013**, 795, 9-13	0.5	2
104	Encapsulation of hydrocortisone and mesalazine in zein microparticles. *Pharmaceutics*, **2013**, 5, 277-93	6.4	36
103	A fundamental study on photo-oxidative degradation of linear low density polyethylene films at embrittlement. *Polymer*, **2012**, 53, 2385-2393	3.9	63
102	In-situ monitoring by fibre-optic NIR spectroscopy and rheometry of maleic anhydride grafting to polypropylene in a laboratory scale reactive extruder. *Polymer Testing*, **2012**, 31, 155-163	4.5	9
101	Rheology to understand and optimize processibility, structures and properties of starch polymeric materials. *Progress in Polymer Science*, **2012**, 37, 595-623	29.6	184
100	Engineered nanofillers: impact on the morphology and properties of biomedical thermoplastic polyurethane nanocomposites. *RSC Advances*, **2012**, 2, 9151	3.7	24
99	Antagonism between transition metal pro-oxidants in polyethylene films. *Polymer Degradation and Stability*, **2012**, 97, 1178-1188	4.7	18
98	Structure–Property Relationships in Biomedical Thermoplastic Polyurethane Nanocomposites. *Macromolecules*, **2012**, 45, 198-210	5.5	81
97	Biodegradation and Applications of Nanobiocomposites. *Green Energy and Technology*, **2012**, 409-442	0.6	2

96	Study on the phase separation of plasticised starch/poly(vinyl alcohol) blends. *Polymer Degradation and Stability*, **2012**, 97, 1930-1939	4.7	27
95	Thermoplastic Starch Polymer Blends and Nanocomposites. *ACS Symposium Series*, **2012**, 323-334	0.4	3
94	Preparation and in vitro release of zein microparticles loaded with prednisolone for oral delivery. *Journal of Microencapsulation*, **2012**, 29, 706-12	3.4	14
93	Thermosets **2012**,		20
92	Next-generation biopolymers: Advanced functionality and improved sustainability. *MRS Bulletin*, **2011**, 36, 687-691	3.2	35
91	Rheological properties of thermoplastic starch studied by multipass rheometer. *Carbohydrate Polymers*, **2011**, 83, 914-919	10.3	35
90	Investigation of polypropylene degradation during melt processing using a profluorescent nitroxide probe: A laboratory-scale study. *Polymer Degradation and Stability*, **2011**, 96, 455-461	4.7	15
89	Effect of MWCNT addition on the thermal and rheological properties of polymethyl methacrylate bone cement. *Carbon*, **2011**, 49, 2893-2904	10.4	36
88	Thermal, rheological, mechanical and morphological behavior of HDPE/chitosan blend. *Carbohydrate Polymers*, **2011**, 83, 414-421	10.3	67
87	Phase transitions of maize starches with different amylose contents in glycerol water systems. *Carbohydrate Polymers*, **2011**, 85, 180-187	10.3	64
86	Composites of poly(ethylene terephthalate) and multi-walled carbon nanotubes **2011**, 545-586		2
85	Synthesis, characterization and biocompatibility of novel biodegradable cross-linked co-polymers based on poly(propylene oxide) diglycidylether and polyethylenimine. *Journal of Biomaterials Science, Polymer Edition*, **2011**, 22, 457-73	3.5	4
84	Bio-nanocomposites based on starch **2011**, 234-260		7
83	Mechanism of Degradation of Starch, a Highly Branched Polymer, during Extrusion. *Macromolecules* , **2010**, 43, 2855-2864	5.5	183
82	Starch thermal transitions comparatively studied by DSC and MTDSC. *Starch/Staerke*, **2010**, 62, 350-357	2.3	16
81	Photochemistry of low-density polyethylene montmorillonite composites. *Journal of Applied Polymer Science*, **2009**, 112, 381-389	2.9	9
80	Biocomposites based on plasticized starch. *Biofuels, Bioproducts and Biorefining*, **2009**, 3, 329-343	5.3	145
79	The anaerobic degradability of thermoplastic starch: polyvinyl alcohol blends: potential biodegradable food packaging materials. *Bioresource Technology*, **2009**, 100, 1705-10	11	94

78	Amylose content and chemical modification effects on thermoplastic starch from maize Processing and characterisation using conventional polymer equipment. *Carbohydrate Polymers*, **2009**, 78, 917-925	10.3	53
77	Vibrational spectroscopic studies of laboratory scale polymer melt processing: Application to a thermoplastic polyurethane nanocomposite. *Vibrational Spectroscopy*, **2009**, 51, 86-92	2.1	13
76	The enzymatic hydrolysis of starch-based PVOH and polyol plasticised blends. *Carbohydrate Polymers*, **2009**, 77, 442-448	10.3	17
75	Confectionery Gels: A Review on Formulation, Rheological and Structural Aspects. *International Journal of Food Properties*, **2009**, 12, 176-210	3	83
74	Chemorheology of Polymers: From Fundamental Principles to Reactive Processing **2009**,		29
73	Developing lignin-based resin coatings and composites. *Industrial Crops and Products*, **2008**, 27, 163-167	5.9	98
72	Rheological characterisation of food thickeners marketed in Australia in various media for the management of dysphagia. II. Milk as a dispersing medium. *Journal of Food Engineering*, **2008**, 84, 553-562	6	49
71	The behavior of aged regenerated Bombyx mori silk fibroin solutions studied by (1)H NMR and rheology. *Biomaterials*, **2008**, 29, 4268-74	15.6	43
70	Emerging biodegradable materials: starch- and protein-based bio-nanocomposites. *Journal of Materials Science*, **2008**, 43, 3058-3071	4.3	248
69	Rheological characterization of food thickeners marketed in Australia in various media for the management of dysphagia. III. Fruit juice as a dispersing medium. *Journal of Food Engineering*, **2008**, 86, 604-615	6	48
68	Properties of a plasticised starch blend. Part 1: Influence of moisture content on fracture properties. *Carbohydrate Polymers*, **2008**, 71, 535-543	10.3	34
67	Combined rheological and optical investigation of maize, barley and wheat starch gelatinisation. *Carbohydrate Polymers*, **2008**, 72, 272-286	10.3	25
66	Properties of a plasticised starch blend Part 2: Influence of strain rate, temperature and moisture on the tensile yield behaviour. *Carbohydrate Polymers*, **2008**, 74, 366-371	10.3	13
65	Amylose content and chemical modification effects on the extrusion of thermoplastic starch from maize. *Carbohydrate Polymers*, **2008**, 74, 907-913	10.3	52
64	A study of water diffusion into a high-amylose starch blend: the effect of moisture content and temperature. *Biomacromolecules*, **2007**, 8, 296-301	6.9	42
63	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. *Biomacromolecules*, **2007**, 8, 885-91	6.9	260
62	Rheological characterisation of food thickeners marketed in Australia in various media for the management of dysphagia. I: Water and cordial. *Journal of Food Engineering*, **2007**, 79, 69-82	6	69
61	Studies on polymers and composites from lignin and fiber derived from sugar cane. *Polymers for Advanced Technologies*, **2007**, 18, 673-678	3.2	49

60	Moisture absorption characteristics of food thickeners used for the management of swallowing dysfunctions. *European Food Research and Technology*, **2007**, 224, 555-560	3.4	9
59	Effects of starch synthase IIa gene dosage on grain, protein and starch in endosperm of wheat. *Theoretical and Applied Genetics*, **2007**, 115, 1053-65	6	94
58	Thickened fluids and water absorption in rats and humans. *Dysphagia*, **2007**, 22, 193-203	3.7	43
57	Equivalence of the Peleg, Pilosof and Singh–Kulshrestha models for water absorption in food. *Journal of Food Engineering*, **2007**, 78, 730-734	6	24
56	Chemorheological studies on a thermoset PU/clay nanocomposite system. *Composite Interfaces*, **2007**, 14, 449-465	2.3	10
55	Impact of controlled particle size nanofillers on the mechanical properties of segmented polyurethane nanocomposites. *International Journal of Nanotechnology*, **2007**, 4, 496	1.5	15
54	Glass transition phenomena in molasses. *LWT - Food Science and Technology*, **2007**, 40, 1117-1122	5.4	10
53	A rheology study of high-energy radiolysis of a semicrystalline ethylene-propylene copolymer containing DOP mobilizer. *Journal of Applied Polymer Science*, **2006**, 101, 3437-3441	2.9	5
52	Effect of different preparation routes on the structure and properties of rigid polyurethane-layered silicate nanocomposites. *Journal of Applied Polymer Science*, **2006**, 102, 2894-2903	2.9	16
51	Macromolecular Interactions During Gelatinisation and Retrogradation in Starch-Whey Systems as Studied by Rapid Visco-Analyser. *International Journal of Food Engineering*, **2006**, 2,	1.9	25
50	Compatibilization of starch–polyester blends using reactive extrusion. *Polymer Engineering and Science*, **2006**, 46, 248-263	2.3	38
49	Phase behavior, crystallization, and nanostructures in thermoset blends of epoxy resin and amphiphilic star-shaped block copolymers. *Journal of Polymer Science, Part B: Polymer Physics*, **2006**, 44, 975-985	2.6	40
48	Phase separation, porous structure, and cure kinetics in aliphatic epoxy resin containing hyperbranched polyester. *Journal of Polymer Science, Part B: Polymer Physics*, **2006**, 44, 889-899	2.6	49
47	SPECIFIC HEAT CAPACITY OF AUSTRALIAN HONEYS FROM 35 TO 165C AS A FUNCTION OF COMPOSITION USING DIFFERENTIAL SCANNING CALORIMETRY. *Journal of Food Processing and Preservation*, **2006**, 30, 99-109	2.1	6
46	Infrared microspectroscopic mapping of the homogeneity of extruded blends: Application to starch/polyester blends. *Polymer Testing*, **2006**, 25, 16-21	4.5	8
45	Effect of the average soft-segment length on the morphology and properties of segmented polyurethane nanocomposites. *Journal of Applied Polymer Science*, **2006**, 102, 128-139	2.9	25
44	Segmented Polyurethane Nanocomposites: Impact of Controlled Particle Size Nanofillers on the Morphological Response to Uniaxial Deformation. *Macromolecules*, **2005**, 38, 7386-7396	5.5	97
43	Biodegradable polymers for industrial applications **2005**,		22

42	Polyethylene multiwalled carbon nanotube composites. *Polymer*, **2005**, 46, 8222-8232	3.9	702
41	Thermal stability analysis of organo-silicates, using solid phase microextraction techniques. *Thermochimica Acta*, **2005**, 429, 13-18	2.9	42
40	Scaling laws for the critical rupture thickness of common thin films. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2005**, 263, 258-266	5.1	15
39	Bounding film drainage in common thin films. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2005**, 263, 197-204	5.1	18
38	Bounding the Stability and Rupture Condition of Emulsion and Foam Films. *Chemical Engineering Research and Design*, **2005**, 83, 915-925	5.5	3
37	Morphology and properties of thermoplastic polyurethane composites incorporating hydrophobic layered silicates. *Journal of Applied Polymer Science*, **2005**, 97, 300-309	2.9	52
36	Friction Factors and Rheological Behavior of Australian Honey in a Straight Pipe. *International Journal of Food Properties*, **2004**, 7, 393-405	3	9
35	DYNAMIC AND STEADY-STATE RHEOLOGY OF AUSTRALIAN HONEYS AT SUBZERO TEMPERATURES. *Journal of Food Process Engineering*, **2004**, 27, 284-309	2.4	26
34	Gelatinisation of starch in mixtures of sugars. I. Dynamic rheological properties and behaviours of starch□oney systems. *Journal of Food Engineering*, **2004**, 61, 439-448	6	24
33	Phase behavior, crystallization, and morphology in thermosetting blends of a biodegradable poly(ethylene glycol)-type epoxy resin and poly(?-caprolactone). *Journal of Polymer Science, Part B: Polymer Physics*, **2004**, 42, 2833-2843	2.6	15
32	Estimating the Specific Heat Capacity of Starch-Water-Glycerol Systems as a Function of Temperature and Compositions. *Starch/Staerke*, **2004**, 56, 6-12	2.3	20
31	Morphology and properties of thermoplastic polyurethane nanocomposites incorporating hydrophilic layered silicates. *Polymer*, **2004**, 45, 2249-2260	3.9	227
30	Investigation of the starch gelatinisation phenomena in water□lycerol systems: application of modulated temperature differential scanning calorimetry. *Carbohydrate Polymers*, **2004**, 58, 191-204	10.3	66
29	Gelatinisation of starch in mixtures of sugars. II. Application of differential scanning calorimetry. *Carbohydrate Polymers*, **2004**, 58, 311-321	10.3	49
28	Rheological properties of organoclay suspensions in epoxy network precursors. *Applied Clay Science* , **2004**, 25, 207-219	5.2	70
27	Application of the Williams□andel□erry model to the viscosity□emperature relationship of Australian honeys. *Journal of Food Engineering*, **2003**, 56, 67-75	6	94
26	Biodegradation and ecotoxicity evaluation of a bionolle and starch blend and its degradation products in compost. *International Biodeterioration and Biodegradation*, **2003**, 51, 77-81	4.8	20
25	The effects of fillers on the chemorheology of highly filled epoxy resins: I. Effects on cure transitions and kinetics. *Polymer International*, **2003**, 52, 113-119	3.3	5

24	Preparation and characterisation of biodegradable starch-based nanocomposite materials. *Polymer International*, **2003**, 52, 1767-1773	3.3	182
23	Polyethylene-layered silicate nanocomposites for rotational moulding. *Polymer International*, **2003**, 52, 1774-1779	3.3	9
22	Layered silicate nanocomposites based on various high-functionality epoxy resins: The influence of an organoclay on resin cure. *Polymer Engineering and Science*, **2003**, 43, 850-862	2.3	54
21	Layered silicate nanocomposites based on various high-functionality epoxy resins. Part II: The influence of an organoclay on the rheological behavior of epoxy prepolymers. *Polymer Engineering and Science*, **2003**, 43, 1683-1690	2.3	12
20	A review of drainage and spontaneous rupture in free standing thin films with tangentially immobile interfaces. *Advances in Colloid and Interface Science*, **2003**, 105, 3-62	14.3	47
19	An automated multi-unit composting facility for biodegradability evaluations. *Journal of Chemical Technology and Biotechnology*, **2001**, 76, 411-417	3.5	13
18	Developing Biodegradable Mulch Films from Starch-Based Polymers. *Starch/Staerke*, **2001**, 53, 362	2.3	83
17	The effects of silica fillers on the gelation and vitrification of highly filled epoxy-amine thermosets. *Macromolecular Symposia*, **2001**, 169, 171-177	0.8	14
16	Which one of these is not like the others? An inter-hospital study of the viscosity of thickened fluids. *Journal of Speech, Language, and Hearing Research*, **2000**, 43, 537-47	2.8	42
15	Understanding vitrification during cure of epoxy resins using dynamic scanning calorimetry and rheological techniques. *Polymer*, **2000**, 41, 5949-5955	3.9	99
14	How thick is thick? Multicenter study of the rheological and material property characteristics of mealtime fluids and videofluoroscopy fluids. *Dysphagia*, **2000**, 15, 188-200	3.7	82
13	Gelation behaviour during chainwise crosslinking polymerisation of methacrylate resins. *Polymer*, **1999**, 40, 5699-5707	3.9	17
12	Effect of additives on gelatinization, rheological properties and biodegradability of thermoplastic starch. *Macromolecular Symposia*, **1999**, 144, 371-374	0.8	7
11	Studies on the gelation of photocatalysed dicyanate ester resins. *Polymer*, **1997**, 38, 2997-3002	3.9	14
10	A new chemorheological analysis of highly filled thermosets used in integrated circuit packaging. *Journal of Applied Polymer Science*, **1997**, 64, 95-106	2.9	15
9	Chemorheology of thermosets□n overview. *Polymer Engineering and Science*, **1996**, 36, 593-609	2.3	257
8	The gel and rheological behaviour of radiation-crosslinked linear low-density polyethylene. *Polymer* , **1994**, 35, 2186-2191	3.9	13
7	Determining the gel point of an epoxy resin by various theological methods. *High Performance Polymers*, **1994**, 6, 405-414	1.6	30

6	The effect of metals on the processing of LLDPE through a slit die. *Journal of Rheology*, **1994**, 38, 41-51	4.1	12
5	The effect of impurities on gel times for TGDDM epoxy resins cured with DDS. *High Performance Polymers*, **1993**, 5, 21-36	1.6	14
4	An oven design for torsional rheometers. *Rheologica Acta*, **1992**, 31, 208-211	2.3	3
3	Instrument effects on stress jump measurements. *Rheologica Acta*, **1992**, 31, 481-489	2.3	25
2	Technical Note: Angular compliance error in force rebalance torque transducers. *Journal of Rheology*, **1991**, 35, 1609-1614	4.1	13
1	Morphology Development in Thermoset Nanocomposites21-40		