

Masayuki Yamaguchi

List of Publications by Year in descending order

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188
papers

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109321

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191
all docs

191
docs citations

191
times ranked

2243
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of thermal history on the structure and mechanical properties of a thermoplastic polyester elastomer. <i>Polymer</i> , 2022, 238, 124376.	3.8	5
2	Crystallization behavior of isotactic polypropylene containing a fibrous nucleating agent in a flow field. <i>Polymer Journal</i> , 2022, 54, 367-375.	2.7	14
3	Cyclic Olefin Copolymer Bearing Pendant Fluorenyl Groups with High Refractive Index and Low Chromatic Dispersion. <i>Macromolecules</i> , 2022, 55, 125-132.	4.8	7
4	Complicated Structure Change during Capillary Extrusion of Binary Blends of Polycarbonate and Poly(methyl methacrylate). <i>Materials</i> , 2022, 15, 2783.	2.9	6
5	Evaluation of microscopic structural changes during strain hardening of polyethylene solids using In situ Raman, SAXS, and WAXD measurements under step-cycle test. <i>Polymer</i> , 2022, 250, 124869.	3.8	7
6	Segregation Behavior of Miscible PC/PMMA Blends during Injection Molding. <i>Materials</i> , 2022, 15, 2994.	2.9	5
7	Viscoelastic Properties of Fully Biomass-Based Transparent Plastic Comprising Cellulose Acetate and Citrate Ester. <i>Materials</i> , 2022, 15, 3038.	2.9	7
8	Preparation of Microporous Film Composed of Polypropylene Containing β -Form Nucleating Agent. <i>Nihon Reoroji Gakkaishi</i> , 2022, 50, 171-179.	1.0	2
9	Crystallinity enhancement of extruded polypropylene containing poly(vinyl alcohol) fibers prepared in situ. <i>Polymer</i> , 2022, 254, 125043.	3.8	2
10	Rheo-Raman Spectroscopic Study of Microscopic Deformation Behavior of Low- and High-Density Polyethylene Solids under Uniaxial Deformation. <i>Nihon Reoroji Gakkaishi</i> , 2022, 50, 287-294.	1.0	1
11	Origin of stress and birefringence generation at hot stretching of poly(methyl methacrylate) containing low molecular weight compound. <i>Journal of Applied Polymer Science</i> , 2021, 138, 49707.	2.6	2
12	Effect of molecular weight on molecular orientation and morphology of polypropylene sheets containing a β -nucleating agent. <i>Polymer Engineering and Science</i> , 2021, 61, 367-378.	3.1	10
13	Modification of poly(vinyl alcohol) fibers with lithium bromide. <i>Polymer</i> , 2021, 213, 123193.	3.8	10
14	Modification of Poly(Lactic Acid) Rheological Properties Using Ethylene-Vinyl Acetate Copolymer. <i>Journal of Polymers and the Environment</i> , 2021, 29, 121-129.	5.0	12
15	Material design of intelligent plastic products with sound generation function due to snap-through buckling. <i>Engineering Research Express</i> , 2021, 3, 015006.	1.6	1
16	Application of the Hofmeister series to the structure and properties of poly(vinyl alcohol) films containing metal salts. <i>Polymer Journal</i> , 2021, 53, 557-564.	2.7	7
17	Effect of Neutralizer on Transparency of Nucleating Agent-Containing Polypropylene. <i>Polymers</i> , 2021, 13, 680.	4.5	6
18	Viscosity decrease by interfacial slippage between immiscible polymers. <i>Polymer Engineering and Science</i> , 2021, 61, 1096-1103.	3.1	4

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19	Modulus enhancement of polypropylene by sorbitol nucleating agent in flow field. <i>Polymer Crystallization</i> , 2021, 4, e10170.	0.8	10
20	Impact of Magnesium Salt on the Mechanical and Thermal Properties of Poly(vinyl alcohol). <i>Polymers</i> , 2021, 13, 3760.	4.5	3
21	Effect of Ultra-High-Molecular-Weight Molecular Chains on the Morphology, Crystallization, and Mechanical Properties of Polypropylene. <i>Polymers</i> , 2021, 13, 4222.	4.5	16
22	Effect of Hot-Stretching Procedure on Shish-Kebab Structure of Polyethylene Containing Carbon Nanotube. <i>Seikei-Kakou</i> , 2021, 34, 25-28.	0.0	0
23	Carbon nanotube localization at interface in cocontinuous blends of polyethylene and polycarbonate. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48676.	2.6	8
24	Experimental and numerical study on transient elongational viscosity for PP/LDPE blends. <i>Polymer Journal</i> , 2020, 52, 529-538.	2.7	10
25	Self-repairing property of a polymer solid with enhanced segmental motion. , 2020, , 87-102.		1
26	Impact of Lithium halides on rheological properties of aqueous solution of poly(vinyl alcohol). <i>Journal of Polymer Research</i> , 2020, 27, 1.	2.4	11
27	Moisture-sensitive smart hot-melt adhesive from polyamide 6. <i>SN Applied Sciences</i> , 2020, 2, 1.	2.9	4
28	Effect of Mixing Method on Properties of Ethylene Vinyl Acetate Copolymer/Natural Rubber Thermoplastic Vulcanizates. <i>Polymers</i> , 2020, 12, 1739.	4.5	10
29	Effect of morphology on shear viscosity for binary blends of polycarbonate and polystyrene. <i>Journal of Applied Polymer Science</i> , 2020, 137, 49516.	2.6	12
30	Structure and properties of fiber-reinforced polypropylene prepared by direct incorporation of aqueous solution of poly(vinyl alcohol). <i>Polymer</i> , 2020, 199, 122566.	3.8	21
31	Effect of water absorption on the structure and properties of isosorbide-based polycarbonate. <i>Polymer</i> , 2020, 202, 122713.	3.8	5
32	Rheological Properties of Polyolefin Blends Containing Long-Chain Branched Polypropylene as Dispersed Phase. <i>Nihon Reoroji Gakkaishi</i> , 2020, 48, 109-112.	1.0	5
33	Transparent poly(lactic acid) film crystallized by annealing beyond glass transition temperature. <i>Journal of Polymer Research</i> , 2020, 27, 1.	2.4	12
34	Effect of metal salt incorporation on structure and properties for poly(vinyl alcohol). <i>AIP Conference Proceedings</i> , 2019, , .	0.4	0
35	Improvement of mechanical toughness of poly(lactic acid) by addition of ethylene-vinyl acetate copolymer. <i>Polymer Testing</i> , 2019, 80, 106021.	4.8	17
36	Improvement of mechanical toughness of polypropylene by laminating with elastomer. <i>Journal of Polymer Research</i> , 2019, 26, 1.	2.4	3

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37	Effect of carbon nanotube addition on molecular orientation of polyethylene. AIP Conference Proceedings, 2019, , .	0.4	0
38	Effect of flow field on structure and properties for polycarbonate blends. AIP Conference Proceedings, 2019, , .	0.4	0
39	Effect of carbon nanotube addition on structure and properties for extrudates of high-density polyethylene. Journal of Applied Polymer Science, 2019, 136, 48010.	2.6	12
40	Anomalous viscosity decrease of polycarbonate by addition of polystyrene. Polymer, 2019, 170, 135-141.	3.8	17
41	The effect of poly(4-methylpentene) on the nonisothermal crystallization kinetics of polypropylene. Polymer Crystallization, 2019, 2, e10082.	0.8	4
42	Rheological Evaluation of Carbon Nanotube Redistribution in Polymer Melt. Nihon Reoroji Gakkaishi, 2019, 47, 105-110.	1.0	6
43	Transfer of a low-molecular-weight compound between two immiscible polymers. Journal of Applied Polymer Science, 2019, 136, 47386.	2.6	0
44	High-strain Shape Memory Behavior of PLA-PEG Multiblock Copolymers and Its Microstructural Origin. Journal of Polymer Science, Part B: Polymer Physics, 2019, 57, 241-256.	2.1	14
45	Enhancement of drawdown force in polypropylene containing nucleating agent. Journal of Applied Polymer Science, 2019, 136, 47295.	2.6	16
46	Modifying the rheological properties of polypropylene under elongational flow by adding polyethylene. Journal of Rheology, 2019, 63, 11-18.	2.6	19
47	Effect of Molecular Size on the Correlated Dynamics of Low-Mass Molecule and Local Chain Motion in Antiplasticized Polycarbonate. Nihon Reoroji Gakkaishi, 2019, 47, 111-117.	1.0	7
48	Perpendicular orientation between dispersed rubber and polypropylene molecules in an oriented sheet. Polymer Journal, 2018, 50, 309-318.	2.7	8
49	Impact of Mixing Method on Rheological Instability for Binary Mixture of Linear Low-Density Polyethylene. Advances in Polymer Technology, 2018, 37, 1153-1160.	1.7	2
50	Design of thermochromic polymer blends containing low-mass compounds. Journal of Applied Polymer Science, 2018, 135, 45927.	2.6	6
51	Effects of Residual Solvent on Glass Transition Temperature of Poly(methyl methacrylate). Nihon Reoroji Gakkaishi, 2018, 46, 117-121.	1.0	11
52	Structure and optical properties of transparent polyamide 6 containing lithium bromide. Journal of Polymer Science, Part B: Polymer Physics, 2018, 56, 1513-1520.	2.1	14
53	Effect of lithium salt addition on the structure and optical properties of PMMA/PVB blends. Polymer, 2018, 146, 242-248.	3.8	16
54	Control of optical and mechanical properties of poly(methyl methacrylate) by introducing lithium salt. Optical Materials, 2018, 83, 152-156.	3.6	14

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55	Effect of acetyl substitution on the optical anisotropy of cellulose acetate films. <i>Cellulose</i> , 2018, 25, 4453-4462.	4.9	8
56	Modifying the thermal and mechanical properties of poly(lactic acid) by adding lithium trifluoromethanesulfonate. <i>Journal of Polymer Research</i> , 2018, 25, 1.	2.4	9
57	Enhancement of the glass transition temperature of poly(methyl methacrylate) by salt. <i>Polymer Journal</i> , 2018, 50, 857-863.	2.7	18
58	Selective localization of carbon nanotubes in PC/PET blends. <i>Polymer Composites</i> , 2017, 38, 1103-1111.	4.6	18
59	Improvement of rigidity for rubber-toughened polypropylene via localization of carbon nanotubes. <i>Composites Science and Technology</i> , 2017, 141, 106-112.	7.8	25
60	Birefringence and strain-induced crystallization of stretched cellulose acetate propionate films. <i>Polymer</i> , 2017, 111, 53-60.	3.8	17
61	Rheological response under nonisothermal stretching for immiscible blends of isotactic polypropylene and acrylate polymer. <i>Journal of Rheology</i> , 2017, 61, 1-11.	2.6	23
62	Modulus enhancement of polycarbonate by addition of lithium perchlorate. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	2.6	10
63	Effect of cooling conditions on the mechanical properties of crystalline poly(lactic acid). <i>Journal of Applied Polymer Science</i> , 2017, 134, .	2.6	21
64	Study on Crosslinked Structure and Thermal Properties of Polymer Networks Based on Tung Oil and PVA with Different Catalytic Systems. <i>Macromolecular Symposia</i> , 2017, 372, 108-114.	0.7	2
65	Surface segregation during injection molding of polycarbonate/poly(methyl methacrylate) blend. <i>Journal of Polymer Research</i> , 2017, 24, 1.	2.4	14
66	Control of Chain Orientation in Blends of Polypropylene and Polybutene-1. <i>Macromolecular Materials and Engineering</i> , 2017, 302, 1600413.	3.6	3
67	Effect of mixing temperature on the carbon nanofiller distribution in immiscible blends of polycarbonate and polyolefin. <i>European Polymer Journal</i> , 2017, 96, 295-303.	5.4	13
68	Reduced stress-optical coefficient of polycarbonate by antiplasticization. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2017, 55, 1837-1842.	2.1	12
69	Birefringence control of solution-cast film of cellulose triacetate. <i>Optical Materials</i> , 2017, 72, 491-495.	3.6	11
70	Zero birefringence films of pullulan ester derivatives. <i>Scientific Reports</i> , 2017, 7, 46342.	3.3	18
71	Autonomic healing of thermoplastic elastomer composed of triblock copolymer. <i>Journal of Materials Science</i> , 2017, 52, 1214-1220.	3.7	7
72	Wavelength dispersion of birefringence of oriented polyethylene films. <i>Applied Optics</i> , 2017, 56, 3806.	2.1	8

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73	Anomalous Optical Anisotropy of Oriented Cellulose Triacetate Film. Nihon Reoroji Gakkaishi, 2016, 45, 19-24.	1.0	10
74	Surface improvement on water and oil affinities and absorption rate of PVA/Tung oil-coated paperboard and fiberboard. Journal of Coatings Technology Research, 2016, 13, 345-354.	2.5	7
75	Interphase Transfer of Tackifier between Immiscible Rubbers. Journal of Macromolecular Science - Physics, 2016, 55, 262-271.	1.0	0
76	Viscoelastic properties of poly(methyl methacrylate) with high glass transition temperature by lithium salt addition. Journal of Polymer Science, Part B: Polymer Physics, 2016, 54, 2388-2394.	2.1	36
77	Self-healing properties of poly(ethylene-co-vinyl acetate). Colloid and Polymer Science, 2016, 294, 537-543.	2.1	10
78	Effects of size and shape of dispersed poly(butylene terephthalate) on isothermal crystallization kinetics and morphology of poly(lactic acid) blends. Polymer Engineering and Science, 2016, 56, 258-268.	3.1	20
79	Effect of Crystallization on Drawdown Force at Capillary Extrusion for Polyethylene. Nihon Reoroji Gakkaishi, 2016, 44, 23-27.	1.0	9
80	Orientation Behavior of Low-mass Compounds in Cross-linked Rubber During Stretching. Seikei-Kakou, 2015, 27, 305-309.	0.0	0
81	Autonomic self-healing of poly(vinyl butyral). Journal of Applied Polymer Science, 2015, 132, .	2.6	15
82	Effect of Die Geometry on Drawdown Force of Polypropylene at Capillary Extrusion. Advances in Polymer Technology, 2015, 34, .	1.7	17
83	Flow property at capillary extrusion for ethylene-tetrafluoroethylene copolymer. Journal of Fluorine Chemistry, 2015, 176, 20-25.	1.7	7
84	Anomalous transfer phenomenon of carbon nanotube in the blend of polyethylene and polycarbonate. Composites Part B: Engineering, 2015, 78, 409-414.	12.0	17
85	Development of microporous structure and its application to optical film for cellulose triacetate containing diisodecyl adipate. Carbohydrate Polymers, 2015, 120, 22-28.	10.2	14
86	Morphology, structure, and properties of poly(lactic acid) microporous films containing poly(butylene terephthalate) fine fibers fabricated by biaxial stretching. Journal of Applied Polymer Science, 2015, 132, .	2.6	22
87	Surface localization of poly(methyl methacrylate) in a miscible blend with polycarbonate. Polymer Journal, 2015, 47, 576-579.	2.7	14
88	Chain Packing and Its Anomalous Effect on Mechanical Toughness for Poly(lactic acid). Biomacromolecules, 2015, 16, 1660-1666.	5.4	66
89	Interphase transfer of plasticizer between immiscible rubbers. Polymer, 2015, 78, 208-211.	3.8	10
90	Effect of acetylation site on orientation birefringence of cellulose triacetate. Cellulose, 2015, 22, 3003-3012.	4.9	12

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91	The effect of flexible chains on the orientation dynamics of small molecules dispersed in polymer films during stretching. <i>Polymer Journal</i> , 2015, 47, 294-301.	2.7	6
92	Structure and Properties of Rubbers With Silica Nanoparticles as Petroleum-Free Fillers. <i>Advanced Structured Materials</i> , 2015, , 563-574.	0.5	1
93	Thermal Expansion Behavior of Antiplasticized Polycarbonate. <i>Nihon Reoroji Gakkaishi</i> , 2014, 42, 255-260.	1.0	18
94	Structure and mechanical anisotropy of injection-molded polypropylene with a plywood structure. <i>Polymer Journal</i> , 2014, 46, 226-233.	2.7	15
95	Viscoelastic properties and extrusion processability of poly(vinyl butyral). <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	12
96	Transparency of rubber-toughened polymer blend containing plasticizer. <i>Journal of Applied Polymer Science</i> , 2014, 131, n/a-n/a.	2.6	3
97	Melting Point Elevation of Isotactic Polypropylene. <i>Journal of Macromolecular Science - Physics</i> , 2014, 53, 1222-1230.	1.0	17
98	Effect of thermal modification on rheological properties of polyethylene blends. <i>Journal of Rheology</i> , 2014, 58, 449-465.	2.6	16
99	Dynamical rigidity of cellulose derivatives in melts. <i>Polymer Journal</i> , 2014, 46, 149-154.	2.7	2
100	Development of hydroxyethylacryl chitosan/alginate hydrogel films for biomedical application. <i>Journal of Polymer Research</i> , 2014, 21, 1.	2.4	22
101	Control of three-dimensional refractive indices of uniaxially-stretched cellulose triacetate with low-molecular-weight compounds. <i>European Polymer Journal</i> , 2014, 59, 105-112.	5.4	16
102	Crystallization Behavior and Dynamic Mechanical Properties of Poly(L-Lactic Acid) with Poly(Ethylene) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	5.0	17
103	Rheological characterization on thermal degradation of ethylene-tetrafluoroethylene copolymer. <i>Journal of Fluorine Chemistry</i> , 2014, 166, 117-121.	1.7	12
104	Strong orientation correlation and optical anisotropy in blend of cellulose ester and poly(ethylene) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	2.6	12
105	Extraordinary wavelength dispersion of birefringence in cellulose triacetate film with anisotropic nanopores. <i>Polymer</i> , 2014, 55, 3247-3253.	3.8	18
106	Material Strength in Molten State for Foam. <i>Polymeric Foams Series</i> , 2014, , 83-118.	0.0	2
107	Crystallization behavior of polybutadiene containing silica particles. <i>Journal of Applied Polymer Science</i> , 2013, 128, 1848-1853.	2.6	7
108	Selective migration of silica particles between rubbers. <i>Journal of Polymer Research</i> , 2013, 20, 1.	2.4	24

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109	Interphase transfer of tackifier between poly(butadiene) and poly(styrene-co-butadiene). Journal of Materials Science, 2013, 48, 2046-2052.	3.7	8
110	Incorporation of low-mass compound to alter the orientation birefringence in cellulose acetate propionate. Optical Materials, 2013, 35, 1443-1448.	3.6	11
111	Plastic deformation behavior of polypropylene sheet with transversal orientation. Journal of Polymer Science, Part B: Polymer Physics, 2013, 51, 897-906.	2.1	20
112	Optical anisotropy in solution-cast film of cellulose triacetate. Cellulose, 2013, 20, 83-96.	4.9	42
113	Mechanical and Optical Properties of Polycarbonate Containing <i>p</i> -Terphenyl. Industrial & Engineering Chemistry Research, 2013, 52, 5048-5053.	3.7	20
114	Effect of aromatic additives with various alkyl groups on orientation birefringence of cellulose acetate propionate. Journal of Applied Polymer Science, 2013, 130, 3465-3472.	2.6	15
115	Effect of Flexible Fibers on Rheological Properties of Poly(Lactic Acid) Composites under Elongational Flow. Nihon Reoroji Gakkaishi, 2013, 41, 129-135.	1.0	19
116	Autonomic healing and welding by interdiffusion of dangling chains in a weak gel. Polymer International, 2012, 61, 9-16.	3.1	21
117	Modification of Rheological Properties Under Elongational Flow by Addition of Polymeric Fine Fibers. Macromolecular Materials and Engineering, 2012, 297, 654-658.	3.6	40
118	Material design of retardation films with extraordinary wavelength dispersion of orientation birefringence: a review. Cellulose, 2012, 19, 601-613.	4.9	49
119	Localization of nanofibers on polymer surface using interface transfer technique. Composites Part B: Engineering, 2012, 43, 1218-1223.	12.0	11
120	Optical properties of polymer blends composed of poly(methyl methacrylate) and ethylene-vinyl acetate copolymer. European Polymer Journal, 2012, 48, 974-980.	5.4	42
121	Effect of shear history on flow instability at capillary extrusion for long-chain branched polyethylene. Journal of Applied Polymer Science, 2012, 124, 429-435.	2.6	8
122	Wavelength Dispersion of Orientation Birefringence for Cellulose Esters Containing Tricresyl Phosphate. Macromolecules, 2011, 44, 3942-3949.	4.8	49
123	Modulation of reversible self-assembling of dumbbell-shaped poly(ethylene glycol)s and β -cyclodextrins: precipitation and heat-induced supramolecular crosslinking. Polymer Journal, 2011, 43, 893-900.	2.7	5
124	Rheological properties of polymer composites with flexible fine fibers. Journal of Rheology, 2011, 55, 1205-1218.	2.6	67
125	Morphology development of polytetrafluoroethylene in a polypropylene melt (IUPAC Technical) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.9	30
126	Anomalous mechanical anisotropy of β form polypropylene sheet with N,N'-dicyclohexyl-2,6-naphthalenedicarboxamide. Polymer, 2011, 52, 4867-4872.	3.8	36

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127	Segregation behavior of polyethylene with broad molecular weight distribution by annealing procedure in temperature gradient. <i>Journal of Polymer Research</i> , 2011, 18, 2449-2453.	2.4	8
128	Development of conductive network of multiwalled carbon nanotubes in polycarbonate melt. <i>Polymer Composites</i> , 2011, 32, 97-102.	4.6	33
129	Heat-induced Supramolecular Crosslinking of Dumbbell-shaped PEG with CD Dimer Based on Reversible Loose-fit Rotaxanation. <i>Macromolecular Chemistry and Physics</i> , 2011, 212, 211-215.	2.2	8
130	Flow instability for binary blends of linear polyethylene and long-chain branched polyethylene. <i>Journal of Non-Newtonian Fluid Mechanics</i> , 2011, 166, 231-240.	2.4	21
131	Effect of Moisture on the Orientation Birefringence of Cellulose Esters. <i>Polymers</i> , 2011, 3, 955-966.	4.5	35
132	Effect of the shape of dispersed particles on the thermal and mechanical properties of biomass polymer blends composed of poly(L-lactide) and poly(butylene succinate). <i>Journal of Applied Polymer Science</i> , 2010, 117, 2226-2232.	2.6	44
133	Plywood-like structure of injection-moulded polypropylene. <i>Polymer</i> , 2010, 51, 5983-5989.	3.8	42
134	Modification of orientation birefringence of cellulose ester by addition of poly(lactic acid). <i>European Polymer Journal</i> , 2010, 46, 2269-2274.	5.4	18
135	Alteration in Rheological Properties of Polyethylene by Extrusion Processing. <i>Seikei-Kakou</i> , 2009, 21, 745-752.	0.0	1
136	Effect of stereoregularity of polypropylene on flow instability in capillary extrusion. <i>Advances in Polymer Technology</i> , 2009, 28, 185-191.	1.7	11
137	Processability and mechanical properties for binary blends of PP and LLDPE produced by metallocene catalyst. <i>Journal of Applied Polymer Science</i> , 2009, 113, 3368-3375.	2.6	5
138	Thermal and mechanical modification of LDPE in single-screw extruder. <i>Journal of Applied Polymer Science</i> , 2009, 113, 1462-1470.	2.6	11
139	Molecular orientation and mechanical anisotropy of polypropylene sheet containing N,N'-dicyclohexyl-2,6-naphthalenedicarboxamide. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2009, 47, 424-433.	2.1	29
140	Stress relaxation under large step equibiaxial elongation for low-density polyethylene. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2009, 47, 1275-1284.	2.1	3
141	Rheological properties for polypropylene modified by polytetrafluoroethylene. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2009, 47, 2008-2014.	2.1	41
142	Interdiffusion of dangling chains in weak gel and its application to self-repairing material. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2009, 162, 189-194.	3.5	42
143	Anomalous molecular orientation of isotactic polypropylene sheet containing N,N'-dicyclohexyl-2,6-naphthalenedicarboxamide. <i>Polymer</i> , 2009, 50, 1497-1504.	3.8	65
144	Miscibility, mechanical and thermal properties of poly(lactic acid)/polyester-diol blends. <i>European Polymer Journal</i> , 2009, 45, 2304-2312.	5.4	69

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145	Carbon nanotube imprinting on a polymer surface. Carbon, 2009, 47, 2840-2846.	10.3	33
146	Extraordinary Wavelength Dispersion of Orientation Birefringence for Cellulose Esters. Macromolecules, 2009, 42, 9034-9040.	4.8	57
147	Hydrodynamic Interaction Model for Two Droplets under Large Step Shear Strains. Nihon Reoroji Gakkaishi, 2009, 37, 121-128.	1.0	0
148	Transparent polymer blends composed of cellulose acetate propionate and poly(epichlorohydrin). Cellulose, 2008, 15, 17-22.	4.9	8
149	Structure and properties for transparent polypropylene containing sorbitol-based clarifier. Journal of Polymer Science, Part B: Polymer Physics, 2008, 46, 41-47.	2.1	40
150	Enhancement of melt elasticity for poly(3-hydroxybutyrate-co-3-hydroxyvalerate) by addition of weak gel. Journal of Applied Polymer Science, 2008, 107, 1320-1324.	2.6	17
151	Effect of mixing conditions on the rheological and optical properties of chemically modified poly(ethylene terephthalate-co-ethylene isophthalate). Journal of Applied Polymer Science, 2008, 107, 2665-2670.	2.6	4
152	Structure and properties for biomass-based polyester blends of PLA and PBS. European Polymer Journal, 2008, 44, 677-685.	5.4	368
153	Shear Modification and Elongational Behavior of Two Types of Low-Density Polyethylene Melts with Different Long Chain Branching. AIP Conference Proceedings, 2008, , .	0.4	0
154	Characterization of Long-chain Branched Polymers. Seikei-Kakou, 2008, 20, 90-93.	0.0	0
155	Fundamental Properties of Polymer Melts. Seikei-Kakou, 2008, 20, 400-404.	0.0	0
156	Control of structure and mechanical properties for binary blends of poly(3-hydroxybutyrate) and cellulose derivative. Journal of Applied Polymer Science, 2007, 103, 3447-3452.	2.6	15
157	Anomalous rheological response for binary blends of linear polyethylene and long-chain branched polyethylene. Advances in Polymer Technology, 2007, 26, 173-181.	1.7	19
158	Birefringence control for binary blends of cellulose acetate propionate and poly(vinyl acetate). European Polymer Journal, 2007, 43, 3277-3282.	5.4	35
159	Structure and properties of injection-molded polypropylene with sorbitol-based clarifier. Polymer Engineering and Science, 2007, 47, 1441-1446.	3.1	52
160	Self-repairing property of polymer network with dangling chains. Materials Letters, 2007, 61, 1396-1399.	2.6	88
161	P-64 Material Design of for Transparent Polymer Blends Composed of Biomass-based Plastics. The Abstracts of ATEM International Conference on Advanced Technology in Experimental Mechanics Asian Conference on Experimental Mechanics, 2007, 2007.6, _P-64-1_-_P-64-2_.	0.0	0
162	Anomalous rheological properties of polyethylene molecular composites. Polymer Engineering and Science, 2006, 46, 1284-1291.	3.1	7

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163	Effect of thermal degradation on rheological properties for poly(3-hydroxybutyrate). <i>European Polymer Journal</i> , 2006, 42, 1479-1486.	5.4	42
164	Impact of processing history on rheological properties for branched polypropylene. <i>Polymer</i> , 2006, 47, 3629-3635.	3.8	60
165	Relationship between processing history and rheological properties during postprocessing annealing for anomalous polyethylene blends. <i>Journal of Applied Polymer Science</i> , 2006, 102, 1078-1083.	2.6	10
166	Rheological properties and processability of chemically modified poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50,622 Td (terephthal	1.7	12
167	Quantitative analysis of melt elongational behavior of LLDPE/LDPE blends. <i>Rheologica Acta</i> , 2004, 44, 198-218.	2.4	84
168	Rheological properties of LDPE processed by conventional processing machines. <i>Advances in Polymer Technology</i> , 2003, 22, 179-187.	1.7	38
169	Enhanced strain hardening in elongational viscosity for HDPE/crosslinked HDPE blend. I. Characteristics of crosslinked HDPE. <i>Journal of Applied Polymer Science</i> , 2002, 86, 73-78.	2.6	30
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