Koh-hei Nitta

List of Publications by Year
in descending order

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146 papers	2,583 citations	212478 28 h-index	286692 43 g-index
147 all docs	147 docs citations	147 times ranked	1665 citing authors

#	Article	IF	Citations
1	Rheological and mechanical properties of poly(methyl methacrylate) doped with lithium salts. Polymer Journal, 2022, 54, 41-46.	1.3	6
2	Rheological and Mechanical Properties of Poly(methyl methacrylate) Associated with Lithium Salts. Nihon Reoroji Gakkaishi, 2022, 50, 87-93.	0.2	4
3	Evaluation of microscopic structural changes during strain hardening of polyethylene solids using In situ Raman, SAXS, and WAXD measurements under step-cycle test. Polymer, 2022, 250, 124869.	1.8	7
4	Preparation of Microporous Film Composed of Polypropylene Containing Î²-Form Nucleating Agent. Nihon Reoroji Gakkaishi, 2022, 50, 171-179.	0.2	2
5	Rheo-Raman Spectroscopic Study of Microscopic Deformation Behavior of Low- and High-Density Polyethylene Solids under Uniaxial Deformation. Nihon Reoroji Gakkaishi, 2022, 50, 287-294.	0.2	1
6	Microstructural Interpretation of Influences of Molecular Weight on the Tensile Properties of High-Density Polyethylene Solids Using Rheo-Raman Spectroscopy. Macromolecules, 2021, 54, 225-234.	2.2	20
7	Topological Characteristics of Chain Molecules with Branching and Molarâ€Mass Distributions. Macromolecular Theory and Simulations, 2021, 30, 2000080.	0.6	0
8	Improving the strength of polyethylene solids by simple controlling of the molecular weight distribution. Polymer, 2021, 218, 123526.	1.8	28
9	Additive Effects of Lithium Salts with Various Anionic Species in Poly (Methyl Methacrylate). Molecules, 2021, 26, 4096.	1.7	5
10	In situ Raman Spectroscopic Observation of Polymer Chains in Semi-Crystalline Polyethylene Solids. Zeitschrift Fur Physikalische Chemie, 2021, 235, 59-79.	1.4	4
11	Rheo-optical Studies of Molecular Orientation under Uniaxial and Biaxial Deformation for Crystalline Polymer Solids. Journal of Fiber Science and Technology, 2021, 77, 649-653.	0.0	0
12	Swelling behavior of butyl and chloroprene rubber composites with poly(sodium acrylate) showing high water uptake. Journal of Applied Polymer Science, 2020, 137, 48535.	1.3	6
13	Rheo-Raman spectroscopic study of plasticity and elasticity transformation in poly(ether-block-amide) thermoplastic elastomers. Polymer, 2020, 189, 122128.	1.8	13
14	Effects of Liquid Paraffin on Dynamic Mechanical Properties of Linear High-Density Polyethylene. Macromolecules, 2020, 53, 8459-8466.	2.2	19
15	Microscopic Origin of Elastic and Plastic Deformation in Poly(Ether-Block-Amide) Elastomers under Various Conditions. Nihon Reoroji Gakkaishi, 2020, 48, 153-160.	0.2	3
16	Orientation behavior and deformation mechanism of polyethylene gels during cold drawing determined by in situ Raman spectroscopy. Polymer, 2019, 176, 30-37.	1.8	5
17	Rheo-Raman Spectroscopic Study on Uniaxial Deformation Behavior of High-Density Polyethylene Solids with Various Molecular Weight Distributions. Macromolecules, 2019, 52, 4590-4600.	2.2	24
18	Effect of the number of arms on the mechanical properties of a star-shaped cyclic olefin copolymer. Polymer Chemistry, 2019, 10, 5578-5583.	1.9	7

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19	Surface damage characterization of photodegraded low-density polyethylene by means of friction measurements. Journal of Polymer Engineering, 2019, 39, 805-812.	0.6	0
20	Effect of pore size distribution on compressive behavior of moderately expanded lowâ€density polyethylene foams. Polymer Engineering and Science, 2019, 59, 510-518.	1.5	4
21	Evaluation of Polymer Material Orientation by Using Polarized Raman Spectroscopy. Seikei-Kakou, 2019, 31, 281-284.	0.0	0
22	Microscopic structural changes during photodegradation of low-density polyethylene detected by Raman spectroscopy. Polymer Degradation and Stability, 2018, 150, 67-72.	2.7	47
23	Rheoâ€Raman Study of Isotactic Polypropylene Under Tensile Deformation. Macromolecular Symposia, 2018, 377, 1700019.	0.4	6
24	In Situ Monitoring of Orientation Parameters and Orientation Distribution Functions of Polyethylenesâ€‰during Tensile Tests. Macromolecular Symposia, 2018, 377, 1700020.	0.4	5
25	Rheoâ€Raman spectroscopic study of microscopic deformation behavior for ultraâ€lowâ€density polyethylene. Polymer International, 2018, 67, 1335-1340.	1.6	9
26	A stochastic equation for predicting tensile fractures in ductile polymer solids. Physica A: Statistical Mechanics and Its Applications, 2018, 490, 1076-1086.	1.2	10
27	Raman Spectroscopic Study of Microscopic Deformation Behavior of Crystalline Polyolefin Solids. Kobunshi Ronbunshu, 2018, 75, 497-506.	0.2	0
28	Mathematical and Experimental Approaches to Structural Characterization and Mechanical Properties of Polymeric Solids. Nihon Reoroji Gakkaishi, 2018, 46, 195-202.	0.2	0
29	Effects of poly(propylene carbonate) additive prepared from carbon dioxide on the tensile properties of polypropylene. Journal of Applied Polymer Science, 2017, 134, 45266.	1.3	2
30	Investigation of the Molecular Mechanisms of Melting and Crystallization of Isotactic Polypropylene by in Situ Raman Spectroscopy. Macromolecules, 2017, 50, 5867-5876.	2.2	29
31	Effect of Strain Rate on Microscopic Deformation Behavior of High-density Polyethylene under Uniaxial Stretching. MATEC Web of Conferences, 2017, 130, 05001.	0.1	2
32	Compressive Behavior of Moderately Expanded Low Density Polyethylene (LDPE) Foams. Nihon Reoroji Gakkaishi, 2016, 44, 29-38.	0.2	3
33	On the Orientation-Induced Crystallization of Polymers. Polymers, 2016, 8, 229.	2.0	20
34	Theoretical Aspects of Fracture of Polymeric Materials. Kobunshi Ronbunshu, 2016, 73, 281-293.	0.2	5
35	Raman Spectroscopic Study of High-density Polyethylene during Tensile Deformation. International Journal of Experimental Spectroscopic Techniques, 2016, 1, 1-6.	0.3	50
36	Deformation mechanism of high-density polyethylene probed by inÂsitu Raman spectroscopy. Polymer, 2015, 58, 88-95.	1.8	55

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37	Three dimensional molecular orientation of isotactic polypropylene films under biaxial deformation at higher temperatures. Polymer, 2015, 74, 30-37.	1.8	26
38	Statistical Aspects of Tensile Fracture of Isotactic Polypropylene. Journal of Macromolecular Science - Physics, 2015, 54, 1053-1065.	0.4	5
39	Rheo-optical Raman study of microscopic deformation in high-density polyethylene under hot drawing. Polymer Testing, 2015, 44, 30-36.	2.3	18
40	Structural Interpretation of Eyring Activation Parameters for Tensile Yielding Behavior of Isotactic Polypropylene Solids. Journal of Macromolecular Science - Physics, 2015, 54, 1196-1210.	0.4	12
41	Polymers, Nonlinearity in. , 2015, , 1-30.		0
42	Self-consistent field model simulations for statistics of amorphous polymer chains in crystalline lamellar structures. Journal of Chemical Physics, 2014, 141, 164906.	1.2	2
43	Stressâ€“strain behavior of cold-drawn isotactic polypropylene subjected to various drawn histories. Polymer, 2014, 55, 6614-6622.	1.8	31
44	In situ near-infrared spectroscopic studies of the structural changes in polyethylene during tensile deformation. Polymer Testing, 2014, 38, 81-86.	2.3	15
45	Influence of Thermo-degradation on the Crystallization Kinetics of Isotactic Polypropylene with a Î²-Nucleating Agent. Journal of Macromolecular Science - Physics, 2013, 52, 48-64.	0.4	3
46	Rheological Characterization for Viscoelastic Solids. Nippon Gomu Kyokaishi, 2013, 86, 100-105.	0.0	0
47	On Ductile Fracture Mechanism under Tension in Semicrystalline Polymers. Nihon Reoroji Gakkaishi, 2013, 41, 167-172.	0.2	1
48	Fundamental Properties of Polymer Solids â€•Effects of Dynamics and Statistics of Amorphous Chains to Crystalline Lamellar Structures of Polymersâ€•. Seikei-Kakou, 2013, 25, 327-330.	0.0	0
49	Application of catastrophe theory to neck initiation of metallocene-catalyzed high-density polyethylene. Polymer Journal, 2012, 44, 245-251.	1.3	17
50	In situ near-infrared spectroscopic studies of the structural changes of polyethylene during melting. Polymer Journal, 2012, 44, 162-166.	1.3	23
51	Quantum mechanical approach to ductile fracture of extended and coupled polymer chains under tension. Philosophical Magazine, 2012, 92, 4425-4436.	0.7	6
52	Poissonâ€™s Ratio and Mechanical Nonlinearity Under Tensile Deformation in Crystalline Polymers. , 2012, , .		13
53	Influence of Domain Structure on The Mechanical Properties of Thermoplastic Polyurethane Materials. E-Journal of Soft Materials, 2011, 7, 8-14.	2.0	3
54	Investigation of a rheo-optical method for determining the in-situ molecular orientation behavior in stretching films under biaxial deformation. Polymer Testing, 2011, 30, 893-898.	2.3	6

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55	Effects of addition of hindered phenol compounds to a segmented polyurethane with shape memory on mechanical yielding. Journal of Materials Science, 2011, 46, 1264-1271.	1.7	11
56	Thermal degradation behavior of polypropylene in the melt state: molecular weight distribution changes and chain scission mechanism. Polymer Bulletin, 2011, 67, 1661-1670.	1.7	19
57	Molecular orientation behavior of mesomorphic isotactic polypropylene under uniaxial and biaxial deformation. Polymer Engineering and Science, 2011, 51, 225-231.	1.5	11
58	Structural explanation on natural draw ratio of metallocene-catalyzed high density polyethylene. Polymer, 2011, 52, 3469-3477.	1.8	47
59	Reinforcement of polyurethaneâ€based shape memory polymer by hindered phenol compounds and silica particles. Journal of Applied Polymer Science, 2010, 117, 1695-1702.	1.3	3
60	Creep behavior of high density polyethylene under a constant true stress. Polymer Testing, 2010, 29, 60-65.	2.3	29
61	On the Structural Non-identifiability of Flexible Branched Polymers. Entropy, 2009, 11, 907-916.	1.1	10
62	Influence of structural organization on tensile properties in mesomorphic isotactic polypropylene. Polymer, 2009, 50, 4080-4088.	1.8	46
63	Polymers, Non-linearity in. , 2009, , 6833-6855.		6
64	Phenolic rigid organic filler/isotactic polypropylene composites. I. Preparation. Frontiers of Chemical Engineering in China, 2008, 2, 236-241.	0.6	4
65	Phenolic rigid organic filler/isotactic polypropylene composites. II. Tensile properties. Frontiers of Chemical Engineering in China, 2008, 2, 396-401.	0.6	3
66	Effects of bulk morphology on the mechanical properties of meltâ€blended PP/PS blends. Journal of Applied Polymer Science, 2008, 109, 211-217.	1.3	12
67	Dynamic Mechanical Study of Block Copolymer Crystallization Confined within Spherical Nanodomains. Polymer Journal, 2008, 40, 986-991.	1.3	16
68	Additional Effect of SEBS on Dynamic Mechanical Properties in iPP/aPS Blends. Nihon Reoroji Gakkaishi, 2008, 36, 29-34.	0.2	0
69	æœ‰æ©Ÿ-ç„¡æ©Ÿãƒã‚¤ãƒ–ãƒªãƒƒãƒ‰ã®åŠ›å¦ç‰¹æ€§è³ª. Kobunshi, 2007, 56, 133-136.	0.0	0
70	Degradation of bag-filter non-woven fabrics by nitric oxide at high temperatures. Advanced Powder Technology, 2007, 18, 349-354.	2.0	26
71	Mechanical property and molecular weight distribution changes with photo- and chemical-degradation on LDPE films. Polymer Degradation and Stability, 2007, 92, 1948-1956.	2.7	29
72	OS15-1-2 Deformation Behavior and Molecular Orientation in Polyolefinic Thermoplastic Elastomers. The Abstracts of ATEM International Conference on Advanced Technology in Experimental Mechanics Asian Conference on Experimental Mechanics, 2007, 2007.6, _OS15-1-2-_OS15-1-2-.	0.0	0

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73	Influence of Morphological Factors on Tensile Properties in the Pre-yield Region of Isotactic Polypropylenes. Polymer Journal, 2006, 38, 122-131.	1.3	21
74	Application of Catastrophe Theory to the Neck-initiation of Semicrystalline Polymers Induced by the Intercluster Links. Polymer Journal, 2006, 38, 757-766.	1.3	28
75	Degradation of semi-crystalline PPS bag-filter materials by NO and O2 at high temperature. Polymer Degradation and Stability, 2006, 91, 1637-1644.	2.7	54
76	Mechanical degradation of filter polymer materials: Polyphenylene sulfide. Polymer Degradation and Stability, 2006, 91, 2614-2621.	2.7	70
77	The effect of the addition of silica particles on linear spherulite growth rate of isotactic polypropylene and its explanation by lamellar cluster model. Polymer, 2006, 47, 6457-6463.	1.8	61
78	Homogeneously Dispersed Poly(propylene)/SiO2 Nanocomposites with Unprecedented Transparency. Macromolecular Rapid Communications, 2006, 27, 910-913.	2.0	33
79	Development of Micro-Assembling Technology for Fabrication of Large Size Liquid Crystal Displays. Japanese Journal of Applied Physics, 2006, 45, 4413-4418.	0.8	3
80	Morpholgy and Mechanical Properties of Thermoplastic Vulcanizate (TPV). Seikei-Kakou, 2006, 18, 131-134.	0.0	1
81	é‡'æ²¢å§å¦¦å§å¦¦é™¢è‡ªç„¶ç§'å¦¦ç"©ç©¶ç§'ç‰©è³ªç§'å¦¦å°,æ"»é«˜å^†åæææ—™ç‰©æ€§ç"©ç¶å®. Seikei-Kakou, 2006, 18, 743-745.	0.0	3
82	Morphology and mechanical properties in the binary blends of isotactic polypropylene and novel propylene-co-olefin random copolymers with isotactic propylene sequence 1. Ethyleneâ€"propylene copolymers. Polymer, 2005, 46, 965-975.	1.8	63
83	Viscoelastic properties of bis(phenyl)fluorene-based cardo polymers with different chemical structure. Journal of Polymer Science, Part B: Polymer Physics, 2005, 43, 2259-2268.	2.4	16
84	Effects of photo-oxidation on tensile deformation behaviour in low-density polyethylene. E-Polymers, 2005, 5, .	1.3	4
85	Synthesis and characterization of propylene-?-olefin random copolymers with isotactic propylene sequence. II. Propylene-hexene-1 random copolymers. Journal of Applied Polymer Science, 2004, 92, 2949-2954.	1.3	15
86	Direct Observation of Poly(propylene)-block-Poly(ethylene-co-propylene) Molecules by Atomic Force Microscopy. Macromolecular Chemistry and Physics, 2004, 205, 179-186.	1.1	11
87	Morphology and mechanical properties of polyolefinic thermoplastic elastomer I. Characterization of deformation process. Polymer, 2004, 45, 5301-5306.	1.8	14
88	Failure Envelope Curves in Polyethylene Solids. Macromolecular Symposia, 2004, 214, 251-260.	0.4	3
89	Plasticizing of isotactic polypropylene upon addition of hydrocarbon oils. E-Polymers, 2004, 4, .	1.3	1
90	Stepwise polymerization of propylene and ethylene with Cr(acetylacetonate)3/MgCl2-ethylbenzoate/diethylaluminium chloride catalyst system. Polymer International, 2003, 52, 29-34.	1.6	6

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91	Molecular Orientations and True Stressâ^'Strain Relationship in Isotactic Polypropylene Filmâ€. Macromolecules, 2003, 36, 8066-8073.	2.2	38
92	Deformation Mechanisms of Polymer Thin Films by Simultaneous Kinetic Measurement of Microscopic Infrared Dichroism and Macroscopic Stress. 2. Molecular Orientation during Necking Process of Isotactic Polypropylene. Macromolecules, 2003, 36, 1955-1961.	2.2	38
93	Novel Proposal of Lamellar Clustering Process for Elucidation of Tensile Yield Behavior of Linear Polyethylenes. Journal of Macromolecular Science - Physics, 2003, 42, 107-126.	0.4	70
94	Application of Lamellar Clustering Theory to Isotactic Polypropylene and Direct Observation of Lamellar Cluster Morphology by Electron Microscopy. Journal of Macromolecular Science - Physics, 2003, 42, 1049-1059.	0.4	28
95	Morphology and mechanical properties of transcrystalline isotactic polypropylene. E-Polymers, 2003, 3, .	1.3	2
96	Deformation Mechanisms of Polymer Thin Films by Simultaneous Kinetic Measurement of Microscopic Infrared Dichroism and Macroscopic Stress. Part III: Influence of Morphology on Molecular Orientation of Isotactic Polypropylene Films Subjected to Uniaxial Stretching. Nihon Reoroji Gakkaishi, 2003, 31, 131-141.	0.2	3
97	Inhomogeneous Deformation of Microcrystalline Region in Isotactic Polypropylene Film Revealed by a Simultaneous Kinetic Measurement of Microscopic Infrared Dichroism and Macroscopic Stress. Polymer Journal, 2002, 34, 584-592.	1.3	10
98	Ultimate tensile behavior of linear polyethylene solids. Journal of Polymer Science, Part B: Polymer Physics, 2002, 40, 2018-2026.	2.4	13
99	Graph-Theoretical Method for Rouse-Ham Dynamics.. Nihon Reoroji Gakkaishi, 2002, 30, 49-54.	0.2	1
100	Structural factors controlling tensile yield deformation of semi-crystalline polymers. Macromolecular Symposia, 2001, 170, 311-319.	0.4	13
101	An instrument for simultaneous kinetic measurements of microscopic infrared dichroism and stress of inhomogeneous polymer thin films at constant elongation rate. Review of Scientific Instruments, 2001, 72, 3927-3932.	0.6	16
102	Synthesis and characterization of ethyleneâ€“propylene random copolymers with isotactic propylene sequence. Polymer, 2001, 42, 9611-9615.	1.8	33
103	Dynamic properties of an organic hybrid of chlorinated polyethylene and hindered phenol compound. Journal of Applied Polymer Science, 2001, 82, 1788-1793.	1.3	33
104	Dynamic Mechanical Properties and Morphologies of Organic Hybrids Consisting of Chlorinated Polyethylene and Hindered Phenol. Polymer Journal, 2001, 33, 792.	1.3	15
105	Phase Modification of Acrylate Rubber/Chlorinated Polypropylene Blends by a Hindered Phenol Compound. Polymer Journal, 2001, 33, 322-329.	1.3	25
106	Dynamic properties of an organic hybrid of chlorinated polyethylene and hindered phenol compound. , 2001, 82, 1788.		1
107	Morphology and Mechanical Properties of Crystalline Polyolefin Materials.. Nihon Reoroji Gakkaishi, 2001, 29, 169-174.	0.2	1
108	Crystallization of the Hindered Phenol in Chlorinated Polyethylene Matrix and its Influence on Viscoelastic Properties.. Kobunshi Ronbunshu, 2000, 57, 449-456.	0.2	11

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109	Molecular Aggregation and Ultrasonic Properties of Hydroxypropyl-Cellulose Films. Polymer Journal, 2000, 32, 665-669.	1.3	5
110	Viscoelastic Properties of Organic Hybrids Consisting of Chlorinated Polyethylene and Hindered Phenol.. Kobunshi Ronbunshu, 2000, 57, 294-299.	0.2	15
111	Tensile yield of isotactic polypropylene in terms of a lamellar-cluster model. Journal of Polymer Science, Part B: Polymer Physics, 2000, 38, 1037-1044.	2.4	81
112	Viscoelastic properties of an organic hybrid of chlorinated polyethylene and a small molecule. Journal of Polymer Science, Part B: Polymer Physics, 2000, 38, 1341-1347.	2.4	39
113	Organic hybrid of chlorinated polyethylene and hindered phenol. II. Influence of the chemical structure of small molecules on viscoelastic properties. Journal of Polymer Science, Part B: Polymer Physics, 2000, 38, 1496-1503.	2.4	50
114	Organic hybrid of chlorinated polyethylene and hindered phenol. I. Dynamic mechanical properties. Journal of Polymer Science, Part B: Polymer Physics, 2000, 38, 2285-2295.	2.4	82
115	Organic hybrid of chlorinated polyethylene and hindered phenol. III. Influence of the molecular weight and chlorine content of the polymer on the viscoelastic properties. Journal of Polymer Science, Part B: Polymer Physics, 2000, 38, 2943-2953.	2.4	31
116	Influence of morphology on photo-degradation of low density polyethylene films. Polymer Engineering and Science, 2000, 40, 2007-2013.	1.5	10
117	Organic hybrid of chlorinated polyethylene and hindered phenol. II. Influence of the chemical structure of small molecules on viscoelastic properties. , 2000, 38, 1496.		3
118	Optical and acoustical investigation for plastic deformation of isotactic polypropylene/ethylene-1-hexene copolymer blends. Polymer Engineering and Science, 1999, 39, 833-840.	1.5	24
119	Preparation and characterization of hydrogenated syndiotactic polystyrene. Polymer, 1999, 40, 1623-1626.	1.8	7
120	Effect of hydrogenation on dynamic mechanical relaxation: 2. Syndiotactic polystyrene. Polymer, 1999, 40, 1547-1552.	1.8	7
121	Electron donor-induced improvement of the microstructure of polypropene-block-poly(ethene-co-propene) synthesized by a modified stopped-flow polymerization method and correlation with its crystalline morphology. Polymer, 1999, 40, 5265-5272.	1.8	14
122	A molecular theory of stressâ€“strain relationship of spherulitic materials. Computational and Theoretical Polymer Science, 1999, 9, 19-26.	1.1	30
123	Characterization and properties of polypropylene-block-poly(ethylene-co-propylene) synthesized by short-period polymerization. Journal of Applied Polymer Science, 1999, 74, 958-964.	1.3	8
124	Role of tie molecules in the yielding deformation of isotactic polypropylene. Journal of Polymer Science, Part B: Polymer Physics, 1999, 37, 357-368.	2.4	121
125	Prediction of stress-relaxation behavior in high density polyethylene solids. Macromolecular Theory and Simulations, 1999, 8, 254-259.	0.6	18
126	Synthesis and basic characteristics of polypropene-block-poly(ethene-co-propene) by modified stopped-flow polymerization with an MgCl2-supported Ziegler catalyst. Macromolecular Chemistry and Physics, 1999, 200, 134-141.	1.1	25

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127	High-Pressure Stopped-Flow Polymerization for Polypropene-block-poly(ethene-co-propene) Having Controlled Molecular Weight:â€‰ Synthesis and Characterization. Macromolecules, 1999, 32, 6008-6018.	2.2	21
128	Mechanical properties of binary blends of polypropylene with ethylene-Î±-olefin copolymer. Polymer, 1998, 39, 53-58.	1.8	44
129	Structure and properties for binary blends of isotactic-polypropylene with ethylene-?-olefin copolymer. 1. Crystallization and morphology. Journal of Polymer Science, Part B: Polymer Physics, 1997, 35, 953-961.	2.4	35
130	Polymerization of 4-n-alkylstyrenes with typical Ziegler-Natta and metallocene catalysts. Polymer Bulletin, 1997, 38, 43-48.	1.7	17
131	Tensile and flexural behavior of polypropene sheets with different crystallinities of surface layer. Angewandte Makromolekulare Chemie, 1997, 253, 201-210.	0.3	1
132	Application of a tie molecule model to the postyielding deformation of crystalline polymers. Macromolecular Theory and Simulations, 1997, 6, 181-195.	0.6	45
133	Rheological properties for binary blends of i-PP and ethylene-1-hexene copolymer. Journal of Applied Polymer Science, 1997, 63, 467-474.	1.3	47
134	Characterization of the differences in the crystallinity from surface to bulk of compression-molded polypropene sheets using attenuated total reflection fourier-transform IR spectroscopy. Macromolecular Chemistry and Physics, 1996, 197, 3523-3530.	1.1	10
135	Compatibility of binary blends of polypropylene with ethylene-?-olefin copolymer. Journal of Applied Polymer Science, 1996, 62, 87-97.	1.3	115
136	Title is missing!. Angewandte Makromolekulare Chemie, 1996, 243, 87-98.	0.3	7
137	Synthesis of polypropene-block-poly(ethylene-co-propene) by short-period polymerization with MgCl2-supported Ziegler catalyst. Macromolecular Rapid Communications, 1995, 16, 247-252.	2.0	17
138	Observation of Phase Transition of Liquid Crystalline Polymers by Ultrasonic Method. (Hydroxypropyl)cellulose and (n-Hexanoyloxypropyl)cellulose. Polymer Journal, 1994, 26, 599-605.	1.3	3
139	Effects of Physical Aging on Viscoelastic and Ultrasonic Properties of Poly(1-(trimethylsilyl)-1-propyne) Films.. Polymer Journal, 1992, 24, 1173-1180.	1.3	18
140	A Novel Mechanical Dispersion and Molecular Ordering in Styrene-Butadiene-Styrene Triblock Copolymer Films. Polymer Journal, 1991, 23, 1091-1097.	1.3	4
141	Analysis of Stress-Strain Curve of Polyethylene Films by Toda-Lattice Model. Polymer Journal, 1991, 23, 895-901.	1.3	4
142	CHARACTERIZATION OF ION EXCHANGE RESINS BY SWOLLEN-STATE ¹³C-NMR AND PULSED NMR. Analytical Sciences, 1991, 7, 1641-1644.	0.8	0
143	Ultrasonic velocity and attenuation of polymeric solids under oscillatory deformation. II: High density and linear low density polyethylene and their blends. Polymer Engineering and Science, 1991, 31, 571-576.	1.5	7
144	Ultrasonic velocity and attenuation of polymeric solids under oscillatory deformation. III: Drawn films of high density and linear low density polyethylene and their blends. Polymer Engineering and Science, 1991, 31, 988-991.	1.5	6

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145	Morphology and Mechanical Properties in Blends of Polypropylene and Polyolefin-Based Copolymers. , 0, , 224-268.		2
146	Tensile Properties in Î²-Modified Isotactic Polypropylene. , 0, , .		1