

Tadashi Inoue

List of Publications by Year in descending order

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173
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#	ARTICLE	IF	CITATIONS
1	Preparation of dual-cross network polymers by the knitting method and evaluation of their mechanical properties. <i>NPG Asia Materials</i> , 2022, 14, .	3.8	10
2	Rheo-Optical Study on the Viscoelastic Relaxation Modes of a Microgel Particle Suspension around the Liquid-Solid Transition Regime. <i>Macromolecules</i> , 2021, 54, 3270-3280.	2.2	3
3	Dynamics of the Topological Network Formed by Movable Crosslinks: Effect of Sliding Motion on Dielectric and Viscoelastic Relaxation Behavior. <i>Macromolecules</i> , 2021, 54, 3321-3333.	2.2	16
4	Strain-Induced Birefringence of Amorphous Polymers and Molecular Design of Optical Polymers. <i>ACS Applied Polymer Materials</i> , 2021, 3, 2264-2273.	2.0	16
5	Viscoelastic Relaxation of Polymerized Ionic Liquid and Lithium Salt Mixtures: Effect of Salt Concentration. <i>Polymers</i> , 2021, 13, 1772.	2.0	8
6	Rheological Scaling of Ionic Liquid-Based Polyelectrolytes in the Semidilute Unentangled Regime from Low to High Salt Concentrations. <i>Macromolecules</i> , 2021, 54, 5648-5661.	2.2	12
7	Rheological Behavior of Hydrogen Bonding Miscible Blend: High Molecular Weight Poly(2-vinyl Tj ETQq1 1 0.784314,rgBT /Oyerlock 10 0,2		
8	Phase equilibrium and dielectric relaxation in mixture of 5CB with dilute dimethyl phthalate: effect of coupling between orientation and composition fluctuations on molecular dynamics in isotropic one-phase state. <i>Soft Matter</i> , 2021, 17, 6259-6272.	1.2	4
9	Linear Viscoelasticity and Birefringence of Poly- ¹³ -Benzyl- α -Glutamate Solutions. <i>Macromolecules</i> , 2021, 54, 11360-11371.	2.2	4
10	Viscoelastic Relaxation of Cellulose Nanocrystals in Fluids: Contributions of Microscopic Internal Motions to Flexibility. <i>Biomacromolecules</i> , 2020, 21, 408-417.	2.6	14
11	Design and mechanical properties of supramolecular polymeric materials based on host-guest interactions: the relation between relaxation time and fracture energy. <i>Polymer Chemistry</i> , 2020, 11, 6811-6820.	1.9	19
12	Rheo-Optical and Dielectric Study on Dynamics of Bottlebrush-like Polymacromonomer Consisting of a Polyisoprene Main Chain and Polystyrene Side Chains. <i>Macromolecules</i> , 2020, 53, 7096-7106.	2.2	8
13	Rheological Test for the Homogeneity of Aqueous Blends of Associative Polymer Network and Entangled Linear Polymer. <i>Nihon Reoroji Gakkaishi</i> , 2020, 48, 49-54.	0.2	5
14	Effect of Head-to-Head Association/Dissociation on Viscoelastic and Dielectric Relaxation of Entangled Linear Polyisoprene: An Experimental Test. <i>Macromolecules</i> , 2020, 53, 1070-1083.	2.2	10
15	A rheo-optical study on the linear viscoelasticity and molecular dynamics of block copolymer solutions forming hexagonal close-packed cylindrical domains. <i>Polymer Journal</i> , 2020, 52, 1085-1091.	1.3	2
16	Ion Transport in Pendant and Backbone Polymerized Ionic Liquids. <i>Macromolecules</i> , 2019, 52, 6438-6448.	2.2	30
17	Effect of Host-Guest Interaction on Swelling Behavior and Equilibrium Swollen State of Host-Guest Gel. <i>Nihon Reoroji Gakkaishi</i> , 2019, 47, 99-104.	0.2	5
18	Precision Analysis of Polymer Rheology by Simultaneous Measurement of Viscoelasticity and Birefringence. <i>Nihon Reoroji Gakkaishi</i> , 2019, 47, 169-176.	0.2	2

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19	Relationship between global and segmental dynamics of poly(butylene oxide) studied by broadband dielectric spectroscopy. <i>Journal of Chemical Physics</i> , 2018, 148, 034904.	1.2	5
20	A Self-Build Apparatus for Oscillatory Flow Birefringence Measurements in a Co-Cylindrical Geometry. <i>Nihon Reoroji Gakkaishi</i> , 2018, 46, 221-226.	0.2	7
21	Effect of Non-Ideality of Wave Plate in Polarization Imaging Method for Rheo-Optical Studies on CTAB/NaSal Aqueous Solution. <i>Nihon Reoroji Gakkaishi</i> , 2018, 46, 93-98.	0.2	1
22	Viscoelastic Properties of Tightly Entangled Semiflexible Polymer Solutions. <i>Macromolecules</i> , 2018, 51, 9626-9634.	2.2	12
23	Rheological Behavior of Weakly Associated Polymers. <i>Nihon Reoroji Gakkaishi</i> , 2018, 46, 131-137.	0.2	3
24	Cu/Zn-superoxide dismutase forms fibrillar hydrogels in a pH-dependent manner via a water-rich extended intermediate state. <i>PLoS ONE</i> , 2018, 13, e0205090.	1.1	3
25	Anisotropic Dynamics of Benzonitrile Confined in $\hat{\nu}$ and $\hat{\mu}$ Clathrate Phases of Syndiotactic Polystyrene. <i>Macromolecules</i> , 2018, 51, 8611-8619.	2.2	12
26	Introducing Large Counteranions Enhances the Elastic Modulus of Imidazolium-Based Polymerized Ionic Liquids. <i>Macromolecules</i> , 2018, 51, 4129-4142.	2.2	17
27	Linear viscoelastic studies on a transient network formed by host-guest interaction. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2018, 56, 1109-1117.	2.4	13
28	Role of Stress-optical Rule in Rheo-optics. <i>Oleosience</i> , 2018, 18, 553-560.	0.0	0
29	Re-examination of terminal relaxation behavior of high-molecular-weight ring polystyrene melts. <i>Rheologica Acta</i> , 2017, 56, 567-581.	1.1	36
30	Memory effect in elastic modulus of a hydrogen-bonding polymer network. <i>Polymer Journal</i> , 2017, 49, 229-236.	1.3	7
31	A Rheo-Optical Study on Reinforcement Effect of Silica Particle Filled Rubber. <i>Macromolecules</i> , 2017, 50, 8072-8082.	2.2	21
32	Polymerized Ionic Liquids: Correlation of Ionic Conductivity with Nanoscale Morphology and Counterion Volume. <i>ACS Macro Letters</i> , 2017, 6, 941-946.	2.3	65
33	An apparatus for birefringence and extinction angle distributions measurements in cone and plate geometry by polarization imaging method. <i>Rheologica Acta</i> , 2016, 55, 699-708.	1.1	10
34	High frequency viscoelastic measurements using optical tweezers on wormlike micelles of nonionic and cationic surfactants in aqueous solutions. <i>Journal of Rheology</i> , 2016, 60, 1055-1067.	1.3	6
35	Experimental Test for Viscoelastic Relaxation of Polyisoprene Undergoing Monofunctional Head-to-Head Association and Dissociation. <i>Macromolecules</i> , 2016, 49, 7088-7095.	2.2	24
36	A Multichain Slip-Spring Dissipative Particle Dynamics Simulation Method for Entangled Polymer Solutions. <i>Macromolecules</i> , 2016, 49, 9186-9191.	2.2	32

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37	Dynamics of polar aromatic molecules confined in a nanocavity of $\hat{\nu}$ -phase of syndiotactic polystyrene as studied by dielectric spectroscopy. <i>Chemical Physics</i> , 2016, 479, 122-128.	0.9	17
38	Reliability of intrinsic birefringence estimated via the modified stress-optical rule. <i>Polymer Journal</i> , 2016, 48, 1073-1078.	1.3	14
39	Rheological Properties of Microgel/Linear Polymer Mixed Systems. <i>Kobunshi Ronbunshu</i> , 2016, 73, 532-538.	0.2	0
40	Revisit the Stress-Optical Rule for Entangled Flexible Chains: Overshoot of Stress, Segmental Orientation, and Chain Stretch on Start-up of Flow. <i>Nihon Reoroji Gakkaishi</i> , 2015, 43, 105-112.	0.2	6
41	Viscoelastic Relaxation of Rouse Chains undergoing Head-to-Head Association and Dissociation: Motional Coupling through Chemical Equilibrium. <i>Macromolecules</i> , 2015, 48, 3014-3030.	2.2	32
42	BCC Grain Formation Triggered by Miscibility Jump on Temperature Drop. <i>Macromolecules</i> , 2015, 48, 1813-1823.	2.2	0
43	Detailed Analysis of Glass Transition Temperature on Polymer Blends with Hydrogen Bonding. <i>Zairyo/Journal of the Society of Materials Science, Japan</i> , 2015, 64, 43-46.	0.1	1
44	Detailed Analysis of Sub-Rouse Mode Observed in Polymerized Ionic Liquids with Dynamic Birefringence Measurements. <i>Nihon Reoroji Gakkaishi</i> , 2014, 42, 227-233.	0.2	6
45	The structure and viscoelasticity of novolac resins. <i>Polymer Journal</i> , 2014, 46, 584-591.	1.3	9
46	Viscoelastic properties and birefringence of phenolic resins. <i>Polymer Journal</i> , 2014, 46, 272-276.	1.3	3
47	Dynamical rigidity of cellulose derivatives in melts. <i>Polymer Journal</i> , 2014, 46, 149-154.	1.3	2
48	Dielectric and Viscoelastic Behavior of Star-Branched Polyisoprene: Two Coarse-Grained Length Scales in Dynamic Tube Dilatation. <i>Macromolecules</i> , 2014, 47, 7637-7652.	2.2	22
49	Dynamics of Polar Low Mass Molecules Encapsulated in the $\hat{\nu}$ -cocrystal of Syndiotactic Polystyrene. <i>Nihon Reoroji Gakkaishi</i> , 2014, 42, 19-23.	0.2	5
50	Reliability of Intrinsic Viscosity Estimated by Single Point Procedure at High Concentrations. <i>Nihon Reoroji Gakkaishi</i> , 2014, 42, 261-264.	0.2	3
51	Dielectric Relaxation of Monodisperse Linear Polyisoprene: Contribution of Constraint Release. <i>Macromolecules</i> , 2013, 46, 6067-6080.	2.2	49
52	Dynamic Segment Size of the Cellulose Chain in an Ionic Liquid. <i>Macromolecules</i> , 2013, 46, 7118-7124.	2.2	23
53	Dynamics of a Probe Molecule Dissolved in Several Polymer Matrices with Different Side-Chain Structures: Determination of Correlation Length Relevant to Glass Transition. <i>Macromolecules</i> , 2013, 46, 2206-2215.	2.2	10
54	Dynamic Viscoelasticity and Birefringence of Poly(ionic liquids) in the Vicinity of Glass Transition Zone. <i>Macromolecules</i> , 2013, 46, 6104-6109.	2.2	16

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55	Linear Viscoelasticity of Polystyrene Solution Having a Wide Molar Mass Distribution around the Coil Overlap Concentration. <i>Nihon Reoroji Gakkaishi</i> , 2013, 41, 151-156.	0.2	5
56	Viscoelastic Behavior of Polymerized Ionic Liquids with Various Charge Densities. <i>Nihon Reoroji Gakkaishi</i> , 2013, 41, 21-27.	0.2	6
57	Nonlinear Rheology of Telechelic Associative Polymer Networks: Shear Thickening and Thinning Behavior of Hydrophobically Modified Ethoxylated Urethane (HEUR) in Aqueous Solution. <i>Macromolecules</i> , 2012, 45, 888-898.	2.2	95
58	Dielectric Relaxation and Viscoelastic Behavior of Polymerized Ionic Liquids with Various Counteranions. <i>Macromolecules</i> , 2012, 45, 3850-3858.	2.2	87
59	Rheo-Optical Study on Dynamics of Bottlebrush-Like Polymacromonomer Consisting of Polystyrene. II. Side Chain Length Dependence on Dynamical Stiffness of Main Chain. <i>Macromolecules</i> , 2012, 45, 4801-4808.	2.2	30
60	Rheo-Optical Study of Viscoelastic Relaxation Modes in Block Copolymer Micellar Lattice System. <i>Macromolecules</i> , 2012, 45, 6580-6586.	2.2	12
61	Dynamic birefringence and non-linear rheology of diblock copolymer micellar solutions. <i>Soft Matter</i> , 2012, 8, 6161.	1.2	7
62	Stress-Optical Relationship for Particle Dispersion Systems. <i>Nihon Reoroji Gakkaishi</i> , 2012, 40, 79-83.	0.2	3
63	Dynamical coupling between stress and concentration fluctuations in a dynamically asymmetric polymer mixture, investigated by time-resolved small-angle neutron scattering combined with linear mechanical measurements. <i>Soft Matter</i> , 2011, 7, 9248.	1.2	10
64	Rheo-Optical Study on Dynamics of Bottlebrush-Like Polymacromonomer Consisting of Polystyrene.. <i>Macromolecules</i> , 2011, 44, 5414-5419.	2.2	36
65	Cooperative Dynamics in Polystyrene and Low-Mass Molecule Mixtures. <i>Macromolecules</i> , 2011, 44, 8324-8332.	2.2	19
66	Entanglement Dynamics in Miscible Polyisoprene/Poly(<i>p</i> - <i>tert</i> -butylstyrene) Blends. <i>Macromolecules</i> , 2011, 44, 1570-1584.	2.2	27
67	Viscoelastic Behavior of the Polymerized Ionic Liquid Poly(1-ethyl-3-vinylimidazolium) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 26	2.2	67
68	Dynamics of Polyisoprene-Poly(<i>p</i> - <i>tert</i> -butylstyrene) Diblock Copolymer in Disordered State. <i>Macromolecules</i> , 2011, 44, 1585-1602.	2.2	13
69	Dielectric and Viscoelastic Investigation of Segmental Dynamics of Polystyrene above Glass Transition Temperature: Cooperative Sequence Length and Relaxation Mode Distribution. <i>Macromolecules</i> , 2011, 44, 4355-4365.	2.2	20
70	On the Viscoelastic Segment Size of Cellulose. <i>Nihon Reoroji Gakkaishi</i> , 2011, 39, 159-163.	0.2	13
71	Miscibility and Dynamics of Poly(Vinyl Acetate)/ Poly(Methyl Glycidyl Ether) Blends. <i>Zairyo/Journal of the Society of Materials Science, Japan</i> , 2011, 60, 19-23.	0.1	0
72	Evaluation of Nematic Interaction Parameter between Polymer Segments and Low-Mass Molecules in Mixtures. <i>Macromolecules</i> , 2010, 43, 6099-6105.	2.2	20

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73	Dynamics of Low Mass Molecules Dissolved in Polymers. <i>Nihon Reoroji Gakkaishi</i> , 2010, 38, 41-46.	0.2	10
74	An Apparatus for Dynamic Viscoelasticity Measurement Using Laser Particle Tracking. <i>Nihon Reoroji Gakkaishi</i> , 2010, 38, 195-200.	0.2	1
75	Dielectric Relaxation of Polymer/Carbon Dioxide Systems. <i>Macromolecules</i> , 2009, 42, 4712-4718.	2.2	17
76	An Apparatus for Dynamic Birefringence Measurement under Oscillatory Shear Flow Using an Oblique Laser Beam. <i>Nihon Reoroji Gakkaishi</i> , 2009, 37, 205-210.	0.2	18
77	Component Dynamics in Polyisoprene/Poly(4- <i>tert</i> -butylstyrene) Miscible Blends. <i>Macromolecules</i> , 2008, 41, 8694-8711.	2.2	38
78	Component Dynamics in Polystyrene- <i>b</i> -4-Pentyl-4'-Cyanobiphenyl Blend. <i>AIP Conference Proceedings</i> , 2008, , ,	0.3	2
79	Shear small-angle light scattering studies of shear-induced concentration fluctuations and steady state viscoelastic properties. <i>Journal of Chemical Physics</i> , 2008, 128, 164911.	1.2	22
80	Effect of Surface Treatments on Viscoelastic Measurements of Thread-like Micellar Solutions. <i>Nihon Reoroji Gakkaishi</i> , 2008, 36, 187-190.	0.2	1
81	Viscoelastic Properties of Amorphous Polymers. <i>Seikei-Kakou</i> , 2008, 20, 84-89.	0.0	0
82	Viscoelastic and Dielectric Behavior of a Polyisoprene/Poly(4- <i>tert</i> -butyl styrene) Miscible Blend. <i>Macromolecules</i> , 2007, 40, 5389-5399.	2.2	27
83	Dielectric Behavior of <i>cis</i> -Polyisoprene in Carbon Dioxide under High Pressure. <i>Nihon Reoroji Gakkaishi</i> , 2007, 35, 155-161.	0.2	10
84	Observation of Phase Separation with Rheological Measurement. <i>Nihon Reoroji Gakkaishi</i> , 2007, 35, 221-224.	0.2	0
85	On the Relationship between Viscoelastic Segments and Kuhn Segments; Strain-Induced Chain Orientation in Fast Deformation. <i>Macromolecules</i> , 2006, 39, 4615-4618.	2.2	25
86	Transient Conformational Change of Bead-spring Ring Chain during Creep Process. <i>Macromolecules</i> , 2006, 39, 5419-5426.	2.2	33
87	Rheoptical Study on Poly(styrene macromonomer). <i>Macromolecules</i> , 2006, 39, 7601-7606.	2.2	20
88	Orientational anisotropy of bead-spring star chains during creep process. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2006, 44, 3501-3517.	2.4	7
89	Role of chain connectivity in viscoelastic properties of polymeric liquids: A review. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2006, 442, 361-366.	2.6	3
90	Nonlinear Rheology and Retraction of Entangled Thread-Like Micelles. <i>Nihon Reoroji Gakkaishi</i> , 2006, 34, 165-170.	0.2	6

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91	Dielectric and Viscoelastic Study of Entanglement Dynamics: A Review of Recent Findings. <i>Macromolecular Symposia</i> , 2005, 228, 51-70.	0.4	15
92	Dynamic birefringence of cyclic olefin copolymers. <i>Rheologica Acta</i> , 2005, 45, 116-123.	1.1	14
93	Conformational dynamics of Rouse chains during creep/recovery processes: a review. <i>Journal of Physics Condensed Matter</i> , 2005, 17, R607-R636.	0.7	10
94	Nonlinear Rheology of CTAB/NaSal Aqueous Solutions: A Finite Extensibility of a Network of Wormlike Micelles. <i>Langmuir</i> , 2005, 21, 1201-1208.	1.6	63
95	Nonlinear Rheology of Aqueous Solutions of Thread-like Micelles. <i>Oleoscience</i> , 2005, 5, 327-333.	0.0	0
96	Creep Behavior for Combined Rouse-Reptation Mechanism. <i>Nihon Reoroji Gakkaishi</i> , 2004, 32, 113-116.	0.2	6
97	Orientational anisotropy for Rouse eigenmodes during creep and recovery process. <i>Rheologica Acta</i> , 2004, 43, 634-644.	1.1	8
98	In Situ Dielectric Characterization of Poly(ethylene oxide) Melts Containing Lithium Perchlorate under Steady Shear Flow. <i>Macromolecules</i> , 2004, 37, 544-553.	2.2	15
99	Viscoelastic and Dielectric Behavior of Entangled Blends of Linear Polyisoprenes Having Widely Separated Molecular Weights: A Test of Tube Dilution Picture. <i>Macromolecules</i> , 2004, 37, 1937-1951.	2.2	84
100	Conformational Changes during Creep Process of Binary Blends of Rouse Chains. <i>Macromolecules</i> , 2004, 37, 8167-8170.	2.2	5
101	Test of Full and Partial Tube Dilution Pictures in Entangled Blends of Linear Polyisoprenes. <i>Macromolecules</i> , 2004, 37, 6619-6631.	2.2	97
102	Stress Overshoot of Entangled Polymers in θ Solvent. <i>Macromolecules</i> , 2004, 37, 4317-4320.	2.2	7
103	Rheo-dielectrics in oligomeric and polymeric fluids: a review of recent findings. <i>Journal of Physics Condensed Matter</i> , 2003, 15, S909-S921.	0.7	19
104	Electric Birefringence of Polystyrene around the Glass Transition Zone. <i>Macromolecules</i> , 2003, 36, 9534-9538.	2.2	2
105	Rheology of Polystyrene Solutions with Scarcely Entangled Chains; Role of Slow Relaxation Mode in Nonlinear Behavior. <i>Nihon Reoroji Gakkaishi</i> , 2003, 31, 207-212.	0.2	5
106	Viscoelasticity of Polymers in θ Solvents around the Semidilute Regime. <i>Macromolecules</i> , 2002, 35, 9169-9175.	2.2	20
107	Significance of the Longest Rouse Relaxation Time in the Stress Relaxation Process at Large Deformation of Entangled Polymer Solutions. <i>Macromolecules</i> , 2002, 35, 4718-4724.	2.2	34
108	The Significance of the Rouse Segment: A Its Concentration Dependence. <i>Macromolecules</i> , 2002, 35, 820-826.	2.2	29

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109	Viscoelasticity of an Entangled Polymer Solution with Special Attention on a Characteristic Time for Nonlinear Behavior. <i>Macromolecules</i> , 2002, 35, 1770-1775.	2.2	35
110	Dielectric and Viscoelastic Relaxation of Highly Entangled Star Polyisoprene: A Quantitative Test of Tube Dilution Model. <i>Macromolecules</i> , 2002, 35, 2339-2357.	2.2	110
111	Rheology of polystyrene solutions around the coil overlapping concentration: A phenomenological description of stresses in simple shear flow. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2002, 40, 1038-1045.	2.4	8
112	Viscoelastic properties of dilute polymer solutions: The effect of varying the concentration. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2001, 39, 211-217.	2.4	12
113	Viscoelasticity and Birefringence of Low Birefringent Polyesters. <i>Polymer Journal</i> , 2000, 32, 411-414.	1.3	13
114	Dynamic birefringence of oligostyrene: A symptom of "polymeric" mode. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2000, 38, 954-964.	2.4	6
115	Stress overshoot of polymer solutions at high rates of shear. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2000, 38, 1917-1925.	2.4	101
116	Stress overshoot of polymer solutions at high rates of shear: semidilute polystyrene solutions with and without chain entanglement. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2000, 38, 3271-3276.	2.4	43
117	Viscoelasticity and Birefringence of Amorphous Polymers in the Glass Transition Zone.. <i>Nihon Reorji Gakkaishi</i> , 2000, 28, 167-175.	0.2	7
118	Viscoelasticity of low molecular weight polystyrene. Separation of rubbery and glassy components. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1999, 37, 389-397.	2.4	39
119	Viscoelasticity and birefringence of syndiotactic polystyrene. I. Dynamic measurement in supercooled state. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1999, 37, 399-404.	2.4	10
120	Comment on "Birefringence in the Softening Zone". <i>Macromolecules</i> , 1999, 32, 4725-4727.	2.2	5
121	A birefringence study of polymer crystallization in the process of elongation of films. <i>Polymer</i> , 1998, 39, 2515-2520.	1.8	40
122	A Rheo-Optical Study on Polystyrene under Large Tensile Deformation around the Glass Transition Temperature. <i>Macromolecules</i> , 1998, 31, 6977-6983.	2.2	29
123	Effects of Wavelength on Strain-Induced Birefringence of Polymers. <i>Polymer Journal</i> , 1998, 30, 929-934.	1.3	12
124	Shear Birefringence Measurement on Amorphous Polymers around the Glass Transition Zone. <i>Nihon Reorji Gakkaishi</i> , 1998, 26, 237-241.	0.2	5
125	Molecular origin of viscoelasticity and chain orientation of glassy polymers. <i>Rheologica Acta</i> , 1997, 36, 239-244.	1.1	35
126	Birefringence of amorphous polyarylates: 2. Dynamic measurement on a polyarylate with low optical anisotropy. <i>Polymer</i> , 1997, 38, 1029-1034.	1.8	15

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127	Strain-induced birefringence and molecular structure of glassy polymers. <i>Polymer</i> , 1997, 38, 1215-1220.	1.8	27
128	Role of Polymer Chain Flexibility on the Viscoelasticity of Amorphous Polymers around the Glass Transition Zone. <i>Macromolecules</i> , 1996, 29, 1595-1599.	2.2	107
129	Dynamic Birefringence of Vinyl Polymers. <i>Macromolecules</i> , 1996, 29, 6240-6245.	2.2	42
130	Limitation of Stress-Optical Rule for Polymeric Liquids. <i>Macromolecules</i> , 1996, 29, 7622-7623.	2.2	10
131	Damping Function of the Shear Relaxation Modulus and the Chain Retraction Process of Entangled Polymers. <i>Macromolecules</i> , 1996, 29, 3611-3614.	2.2	15
132	On the Strain-Induced Birefringence of Glassy Polymers. <i>Polymer Journal</i> , 1996, 28, 76-79.	1.3	11
133	A Simple Evaluation Method of Stress-Optical Coefficient of Polymers. <i>Nihon Reoroji Gakkaishi</i> , 1996, 24, 129-132.	0.2	14
134	Dynamic Birefringence of Amorphous Polyolefins II. Measurements on Polymers Containing Five-Membered Ring in Main Chain. <i>Polymer Journal</i> , 1995, 27, 943-950.	1.3	22
135	Viscoelasticity and birefringence of polyisoprene. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1995, 33, 417-424.	2.4	33
136	Viscoelasticity and birefringence of polyisobutylene. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1995, 33, 1409-1416.	2.4	20
137	Studies on Sub-Relaxation of a Series of Methacrylate Polymers by Dynamic Birefringence Measurements.. <i>Nihon Reoroji Gakkaishi</i> , 1995, 23, 13-19.	0.2	11
138	Molecular Motions and Viscoelasticity of Amorphous Polymers near Tg. <i>Macromolecules</i> , 1995, 28, 3425-3433.	2.2	94
139	Molecular Interpretation of Dynamic Birefringence and Viscoelasticity of Amorphous Polymers. <i>Macromolecules</i> , 1995, 28, 3625-3630.	2.2	39
140	Dynamic Light Scattering and Dynamic Viscoelasticity of Poly(vinyl alcohol) in Aqueous Borax Solutions. 1. Concentration Effect. <i>Macromolecules</i> , 1995, 28, 2339-2344.	2.2	92
141	Viscoelasticity and Birefringence of Poly (2-vinylnaphthalene). <i>Nihon Reoroji Gakkaishi</i> , 1994, 22, 129-134.	0.2	11
142	Phase separation kinetics in silica sol-gel system containing polyethylene oxide. I. Initial stage. <i>Journal of Sol-Gel Science and Technology</i> , 1994, 2, 227-231.	1.1	16
143	In situ observation of phase separation processes in gelling alkoxy-derived silica system by light scattering method. <i>Journal of Sol-Gel Science and Technology</i> , 1994, 3, 169-188.	1.1	33
144	Viscoelasticity of some engineering plastics analyzed with the modified stress-optical rule. <i>Polymer Engineering and Science</i> , 1994, 34, 135-140.	1.5	27

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