Chi Wu

List of Publications by Year
in descending order

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147 papers	6,304 citations	66250 44 h-index	87275 74 g-index
149 all docs	149 docs citations	149 times ranked	7551 citing authors

#	Article	IF	Citations
1	Thermoresponsive metalloprotein-based hybrid hydrogels for the reversible and highly selective removal of lead(<scp>ii</scp>) from water. Polymer Chemistry, 2022, 13, 1422-1428.	1.9	4
2	Temperature-regulated Hybrid Protein Hydrogel for Recyclable Extraction of Uranium from Seawater. ACS Applied Polymer Materials, 2022, 4, 2189-2196.	2.0	5
3	Temperature-Driven Metalloprotein-Based Hybrid Hydrogels for Selective and Reversible Removal of Cadmium(II) from Water. ACS Applied Materials & Interfaces, 2020, 12, 2991-2998.	4.0	10
4	Hybrid fracture fixation systems developed for orthopaedic applications: A general review. Journal of Orthopaedic Translation, 2019, 16, 1-13.	1.9	72
5	Biodegradable and Bioactive Orthopedic Magnesium Implants with Multilayered Protective Coating. ACS Applied Bio Materials, 2019, 2, 3290-3299.	2.3	13
6	Probing Solâ€“Gel Matrices and Dynamics of Star PEG Hydrogels Near Overlap Concentration. Macromolecules, 2019, 52, 8956-8966.	2.2	24
7	Design of Free Triblock Polylysine-b-Polyleucine-b-Polylysine Chains for Gene Delivery. Biomacromolecules, 2018, 19, 1347-1357.	2.6	13
8	Site-Specific Conjugation of Polymers to Proteins. Biomacromolecules, 2018, 19, 1804-1825.	2.6	81
9	Rheological Study of Soft Matters: A Review of Microrheology and Microrheometers. Macromolecular Chemistry and Physics, 2018, 219, 1700307.	1.1	22
10	Near-surface microrheology reveals dynamics and viscoelasticity of soft matter. Soft Matter, 2018, 14, 9764-9776.	1.2	10
11	Universal Scaling of Phase Diagrams of Polymer Solutions. Macromolecules, 2018, 51, 5863-5866.	2.2	5
12	An innovative Mg/Ti hybrid fixation system developed for fracture fixation and healing enhancement at load-bearing skeletal site. Biomaterials, 2018, 180, 173-183.	5.7	55
13	Biodegradable Poly(l-lactic acid) (PLLA) Coatings Fabricated from Nonsolvent Induced Phase Separation for Improving Corrosion Resistance of Magnesium Rods in Biological Fluids. Langmuir, 2018, 34, 10684-10693.	1.6	17
14	Cationic cell penetrating peptide modified SNARE protein VAMP8 as free chains for gene delivery. Biomaterials Science, 2018, 6, 2647-2655.	2.6	6
15	A Method To Determine Î˜ Condition of a Polymer Solution. Macromolecules, 2018, 51, 4608-4614.	2.2	8
16	Fabrication of injectable high strength hydrogel based on 4-arm star PEG for cartilage tissue engineering. Biomaterials, 2017, 120, 11-21.	5.7	172
17	Quantitative Study of the Oligomerization of Yeast Prion Sup35NM Proteins. Biochemistry, 2017, 56, 6575-6584.	1.2	4
18	Effects of Culture Substrate Made of Poly(N-isopropylacrylamide-co-acrylic acid) Microgels on Osteogenic Differentiation of Mesenchymal Stem Cells. Molecules, 2016, 21, 1192.	1.7	11

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19	Reexamination of the Origin of Slow Relaxation in Semidilute Polymer Solutionsâ€"Reptation Related or Not?. Macromolecules, 2016, 49, 3184-3191.	2.2	12
20	Quantitative study of effects of free cationic chains on gene transfection in different intracellular stages. Journal of Controlled Release, 2016, 238, 71-79.	4.8	36
21	Formation of Hyperbranched Amphiphilic Terpolymers and Unimolecular Micelles in One-Pot Copolymerization. Macromolecules, 2015, 48, 7327-7334.	2.2	8
22	Effects of pH and thermally sensitive hybrid gels on osteogenic differentiation of mesenchymal stem cells. Journal of Biomaterials Applications, 2015, 29, 1272-1283.	1.2	10
23	PEG-Protein Interaction Induced Contraction of NalD Chains. PLoS ONE, 2014, 9, e96616.	1.1	4
24	Revisiting Complexation between DNA and Polyethylenimine: Does the Disulfide Linkage Play a Critical Role in Promoting Gene Delivery?. Macromolecular Bioscience, 2014, 14, 1807-1815.	2.1	12
25	Construction and Properties of Hyperbranched Block Copolymer with Independently Adjustable Heterosubchains. Macromolecules, 2014, 47, 8437-8445.	2.2	25
26	Dielectric investigations on how Mg salt is dispersed in and released from polylactic acid. Chinese Journal of Polymer Science (English Edition), 2014, 32, 497-508.	2.0	2
27	How does a polymer brush repel proteins?. Chinese Journal of Polymer Science (English Edition), 2014, 32, 1575-1580.	2.0	17
28	Mapping Phase Diagrams of Polymer Solutions by a Combination of Microfluidic Solution Droplets and Laser Light-Scattering Detection. Macromolecules, 2014, 47, 2496-2502.	2.2	10
29	Comparative Study of Solution Properties of Amphiphilic 8-Shaped Cyclic-(Polystyrene-b-Poly(acrylic acid))₂ and Its Linear Precursor. Macromolecules, 2014, 47, 2487-2495.	2.2	25
30	Fast electrically driven photonic crystal based on charged block copolymer. Journal of Materials Chemistry C, 2013, 1, 6107.	2.7	32
31	Progress and perspectives in developing polymeric vectors for in vitro gene delivery. Biomaterials Science, 2013, 1, 152-170.	2.6	137
32	An active one-particle microrheometer: Incorporating magnetic tweezers to total internal reflection microscopy. Review of Scientific Instruments, 2013, 84, 033702.	0.6	7
33	How Long Cylindrical Micelles Formed after Extruding Block Copolymer in a Selective Solvent through a Small Pore Fragment back into Spherical Ones. Macromolecules, 2013, 46, 9164-9167.	2.2	4
34	What Are Core Polymer Chemistry and Physics?. Macromolecular Chemistry and Physics, 2013, 214, 132-134.	1.1	2
35	Fouling-release Property of Water-filled Porous Elastomers. Chinese Journal of Chemical Physics, 2012, 25, 330-334.	0.6	4
36	How Does a Hyperbranched Chain Pass through a Nanopore?. Macromolecules, 2012, 45, 7583-7589.	2.2	37

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37	Effect of Ca²⁺ Ion and Temperature on Association of Thermally Sensitive PAA-b-PNIPAM Diblock Chains in Aqueous Solutions. Macromolecules, 2012, 45, 4830-4838.	2.2	29
38	Intrachain Folding and Interchain Association of Hyperbranched Chains with Long Uniform Subchains Made of Amphiphilic Diblock Copolymers. Macromolecules, 2012, 45, 9391-9399.	2.2	32
39	How does a supercoiled DNA chain pass through a small conical glass pore?. Soft Matter, 2012, 8, 5451.	1.2	7
40	How Does DNA Complex with Polyethylenimine with Different Chain Lengths and Topologies in Their Aqueous Solution Mixtures?. Macromolecules, 2012, 45, 4346-4353.	2.2	55
41	Preparation of true solutions of monomeric amyloidogenic protein/peptide: A critical prerequisite for aggregation kinetic study. Science China Chemistry, 2012, 55, 118-124.	4.2	6
42	Internal motions of linear chains and spherical microgels in dilute solution. Soft Matter, 2011, 7, 4111.	1.2	12
43	Mapping Polymer Phase Diagram in Nanoliter Droplets. Macromolecules, 2011, 44, 686-689.	2.2	6
44	â€œClickâ€•Long Seesaw-Type Aâ¼âˆ¼Bâ¼âˆ¼A Chains Together into Huge Defect-Free Hyperbranched Polymer Chains with Uniform Subchains. Macromolecules, 2011, 44, 6233-6236.	2.2	60
45	Comparison of Calculated and Measured Critical Flow Rates for Dragging Linear Polymer Chains through a Small Cylindrical Tube. Macromolecules, 2011, 44, 9863-9866.	2.2	20
46	How does a star chain (nanooctopus) crawl through a nanopore?. Polymer Chemistry, 2011, 2, 1071-1076.	1.9	35
47	Formation Kinetics and Scaling of â€œDefect-Freeâ€•Hyperbranched Polystyrene Chains with Uniform Subchains Prepared from Seesaw-Type Macromonomers. Macromolecules, 2011, 44, 8195-8206.	2.2	81
48	Effect of Chain Length on Cytotoxicity and Endocytosis of Cationic Polymers. Macromolecules, 2011, 44, 2050-2057.	2.2	105
49	Revisit complexation between DNA and polyethylenimine â€” Effect of uncomplexed chains free in the solution mixture on gene transfection. Journal of Controlled Release, 2011, 155, 67-76.	4.8	155
50	Revisit complexation between DNA and polyethylenimine â€” Effect of length of free polycationic chains on gene transfection. Journal of Controlled Release, 2011, 152, 143-151.	4.8	132
51	Elucidating the interplay between DNA-condensing and free polycations in gene transfection through a mechanistic study of linear and branched PEI. Biomaterials, 2011, 32, 8626-8634.	5.7	103
52	What Morphologies Do We Want? â€“ TEM Images from Dilute Diblock Copolymer Solutions. Macromolecular Chemistry and Physics, 2011, 212, 663-672.	1.1	21
53	The slow relaxation mode: from solutions to gel networks. Polymer Journal, 2010, 42, 609-625.	1.3	90
54	Internal Motions of Linear Chains and Spherical Microgels in Î˜ and Poor Solvents. Macromolecules, 2010, 43, 10064-10070.	2.2	20

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55	Translocation Dynamics of Poly(styrenesulfonic acid) through an Î±-Hemolysin Protein Nanopore. Macromolecules, 2010, 43, 10594-10599.	2.2	20
56	Separation of Linear and Star Chains by a Nanopore. Macromolecules, 2010, 43, 8711-8713.	2.2	34
57	Constructing the Phase Diagram of an Aqueous Solution of Poly(Nâ€isopropyl acrylamide) by Controlled Microevaporation in a Nanoliter Microchamber. Macromolecular Rapid Communications, 2008, 29, 1363-1367.	2.0	44
58	Macromol. Rapid Commun. 16/2008. Macromolecular Rapid Communications, 2008, 29, n/a-n/a.	2.0	0
59	Loading quantum dots into thermo-responsive microgels by reversible transfer from organic solvents to water. Journal of Materials Chemistry, 2008, 18, 763.	6.7	52
60	Reexamination of the Slow Mode in Semidilute Polymer Solutions:â€‰ The Effect of Solvent Quality. Macromolecules, 2008, 41, 901-911.	2.2	32
61	Folding of Long Multiblock Copolymer (PI-b-PS-b-PI)nChains Prepared by the Self-Assembly Assisted Polypolymerization (SAAP) in Cyclohexane. Macromolecules, 2008, 41, 2219-2227.	2.2	33
62	How Many Stages in the Coil-to-Globule Transition of Linear Homopolymer Chains in a Dilute Solution?. Macromolecules, 2007, 40, 4750-4752.	2.2	68
63	Reexamination of Slow Dynamics in Semidilute Solutions:Â Temperature and Salt Effects on Semidilute Poly(N-isopropylacrylamide) Aqueous Solutions. Macromolecules, 2006, 39, 6207-6209.	2.2	25
64	Collapse and swelling of poly(N-isopropylacrylamide-co-sodium acrylate) copolymer brushes grafted on a flat SiO2 surface. Journal of Polymer Science, Part B: Polymer Physics, 2006, 44, 770-778.	2.4	10
65	Synthesis, characterization, and degradation of silicon(IV) phthalocyanines conjugated axially with poly(sebacic anhydride). Journal of Polymer Science Part A, 2005, 43, 837-843.	2.5	11
66	Effects of Casting Solvents on the Formation of Inverted Phase in Block Copolymer Thin Films. Macromolecules, 2004, 37, 6523-6530.	2.2	68
67	Laser Light-Scattering Study of Solution Dynamics of Water/Cycloether Mixtures. Journal of Physical Chemistry B, 2004, 108, 11866-11870.	1.2	70
68	Laser-Light-Scattering Study of Internal Motions of Polymer Chains Grafted on Spherical Latex Particles. Journal of Physical Chemistry B, 2004, 108, 18479-18484.	1.2	23
69	A hybrid polymer gel and its static nonergodicity. Macromolecular Symposia, 2004, 207, 37-46.	0.4	2
70	Rheological Study of the Solâ^'Gel Transition of Hybrid Gels. Macromolecules, 2003, 36, 855-859.	2.2	87
71	Micellar Formation of Poly(caprolactone-block-ethylene oxide-block- caprolactone) and Its Enzymatic Biodegradation in Aqueous Dispersion. Macromolecules, 2003, 36, 8825-8829.	2.2	116
72	Thermosensitive Behavior of Poly(N-isopropylacrylamide) Grafted Polystyrene Nanoparticles. Polymer Journal, 2003, 35, 901-910.	1.3	25

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73	Effect of Comonomer Distribution on the Coil-to-Globule Transition of a Single AB Copolymer Chain in Dilute Solution. Macromolecules, 2002, 35, 2723-2727.	2.2	65
74	Encapsulation of Phthalocyanines in Biodegradable Poly(sebacic anhydride) Nanoparticles. Langmuir, 2002, 18, 3843-3847.	1.6	96
75	Disstacking of Phthalocyanine in Water by Poly(ethylene Oxide). Langmuir, 2001, 17, 1381-1383.	1.6	27
76	Application of the Temperature-Ramped Holographic Relaxation Spectroscopy in the Investigation of Physically Cross-Linked Gels. Macromolecules, 2001, 34, 6737-6741.	2.2	2
77	Comparison of the Ca2+/COO-Complexation Induced Controllable Aggregation of P(VCL-co-NaA) Spherical Microgels and Linear Chains. Macromolecules, 2001, 34, 6795-6801.	2.2	31
78	Self-Assembly of Poly(caprolactone-b-ethylene oxide-b-caprolactone) via a Microphase Inversion in Water. Journal of Physical Chemistry B, 2001, 105, 848-851.	1.2	46
79	SOLUTION PROPERTIES OF PACHYMAN FROM PORIA COCOS MYCELIA IN DIMETHYL SULFOXIDE. Journal of Macromolecular Science - Physics, 2001, 40, 147-156.	0.4	10
80	Dynamic light-scattering characterization of the molecular weight distribution of unfractionated polyimide. Journal of Applied Polymer Science, 2001, 81, 1670-1674.	1.3	9
81	Laser light scattering study of the degradation of poly(sebacic anhydride) nanoparticles. Journal of Polymer Science, Part B: Polymer Physics, 2001, 39, 703-708.	2.4	23
82	Novel Polymer Clusters with a Uniform Chain Density. Macromolecular Rapid Communications, 2001, 22, 704-707.	2.0	2
83	Intermacromolecular Complexation due to Specific Interactions, 14. The Chain Architectural Effect of Block Ionomers on Complexation. Macromolecular Chemistry and Physics, 2001, 202, 1750-1756.	1.1	3
84	A novel application of using a commercial Fraunhofer diffractometer to size particles dispersed in a solid matrix. Journal of Applied Polymer Science, 2000, 77, 1165-1168.	1.3	2
85	Scalings of fluorine-containing polyimides in cyclopentanone. Journal of Polymer Science, Part B: Polymer Physics, 2000, 38, 2077-2080.	2.4	7
86	Effect of KBr on the micellar properties of CTAB. Science Bulletin, 2000, 45, 1854-1857.	1.7	46
87	Swelling and Shrinking of Poly(N-Isopropylacrylamide) Chains Adsorbed on the Surface of Polystyrene Nanoparticles. Journal of Macromolecular Science - Physics, 2000, 39, 407-414.	0.4	14
88	Novel Nanoparticles Formed via Self-Assembly of Poly(ethylene glycol-b-sebacic anhydride) and Their Degradation in Water. Macromolecules, 2000, 33, 9040-9043.	2.2	33
89	THE EFFECT OF BENZYL ALCOHOL ON THE MICELLAR PROPERTIES OF CTAB IN KBr SOLUTION. Journal of Dispersion Science and Technology, 2000, 21, 605-613.	1.3	4
90	A Simple Scaling for the Coreâ"Shell Nanostructure Formed by Self-Assembly of Block Copolymers in a Selective Solvent. Macromolecules, 2000, 33, 645-646.	2.2	19

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91	Surface Functionalization of Polymer Latex Particles:Â 4. Tailor-Making of Aldehyde-Functional Poly(methylstyrene) Latexes in an Emulsifier-Free System. Langmuir, 2000, 16, 4141-4147.	1.6	27
92	Poly(N-vinylcaprolactam) microgels and its related composites. Macromolecular Symposia, 2000, 159, 179-186.	0.4	28
93	Clustering Induced Collapse of a Polymer Brush. Physical Review Letters, 1999, 83, 4105-4107.	2.9	54
94	Laser light-scattering studies of soluble high performance fluorine-containing polyimides. Polymer Engineering and Science, 1999, 39, 586-593.	1.5	4
95	Another way to view the chain conformation broadening of the line-width distribution measured in dynamic light scattering. Science in China Series B: Chemistry, 1999, 42, 520-524.	0.8	1
96	Formation and structure of pachyman aggregates in dimethyl sulfoxide containing water. Journal of Polymer Science, Part B: Polymer Physics, 1999, 37, 3201-3207.	2.4	14
97	Laser light-scattering studies of poly(caprolactone-b-ethylene oxide-b-caprolactone) nanoparticles and their enzymatic biodegradation. Journal of Polymer Science, Part B: Polymer Physics, 1999, 37, 3288-3293.	2.4	25
98	Formation of highly monodispersed emulsifier-free cationic poly(methylstyrene) latex particles. Journal of Polymer Science Part A, 1999, 37, 2069-2074.	2.5	24
99	Interaction between Surfactant and Poly(N-vinylcaprolactam) Microgels. Macromolecules, 1999, 32, 3674-3677.	2.2	78
100	Light Scattering Study of the Formation and Structure of Partially Hydrolyzed Poly(acrylamide)/Calcium(II) Complexes. Macromolecules, 1999, 32, 585-589.	2.2	116
101	Enzymatic Biodegradation of Poly(ethylene oxide-b-Îµ-caprolactone) Diblock Copolymer and Its Potential Biomedical Applications. Macromolecules, 1999, 32, 590-594.	2.2	157
102	Light-Scattering Characterization of Fullerene-Containing Poly(alkyl methacrylate)s in THF. Macromolecules, 1999, 32, 2786-2788.	2.2	55
103	Light-Scattering Study of Coil-to-Globule Transition of a Poly(N-isopropylacrylamide) Chain in Deuterated Water. Macromolecules, 1999, 32, 4299-4301.	2.2	221
104	Intermacromolecular Complexation due to Specific Interactions X. The Complexation of Modified Polystyrene [PS(OH)] and Polycaprolactone in Solutions. Polymer Journal, 1999, 31, 134-137.	1.3	2
105	Light-scattering study of the coil-to-globule transition of linear poly(N-isopropylacrylamide) ionomers in water. , 1998, 36, 1501-1506.		27
106	Characterization of novel optically active conjugated polyarylenes and poly(aryleneethnylene)s by a combination of off-line static and dynamic light scattering with gel permeation chromatography. Journal of Polymer Science, Part B: Polymer Physics, 1998, 36, 2615-2622.	2.4	2
107	Surface functionalization of polymer latex particles. III. A convenient method of producing ultrafine poly(methylstyrene) latexes with aldehyde groups on the surface. Journal of Polymer Science Part A, 1998, 36, 2103-2109.	2.5	15
108	Characterization of novel thermoplastic polymers with phenolphthalein in their backbone chains. Polymer Engineering and Science, 1998, 38, 524-529.	1.5	1

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109	Globule-to-Coil Transition of a Single Homopolymer Chain in Solution. Physical Review Letters, 1998, 80, 4092-4094.	2.9	569
110	Laser Light Scattering Characterization of a Novel Polymer Nanofiber. Macromolecules, 1998, 31, 7553-7554.	2.2	27
111	Single Chain Core-Shell Nanostructure. Physical Review Letters, 1998, 80, 620-622.	2.9	65
112	NMR evidence of the formation of surfactant micelles inside spherical poly(N-isopropylacrylamide) microgels. Journal of Macromolecular Science - Physics, 1997, 36, 417-422.	0.4	13
113	On the cryogenic â€œdegradationâ€•of polystyrene in dilute solution. Journal of Macromolecular Science - Physics, 1997, 36, 187-194.	0.4	13
114	Investigation of the Solution Behavior of Organosoluble Aromatic Polyimides. International Journal of Polymer Analysis and Characterization, 1997, 4, 153-172.	0.9	13
115	Laser Light Scattering Study of the Formation and Structure of Poly(N-isopropylacrylamide-co-acrylic) Tj ETQq1 1 0.784314 rgBT /Ove	2.2	109
116	Microwave Preparation of Narrowly Distributed Surfactant-Free Stable Polystyrene Nanospheres. Macromolecules, 1997, 30, 6388-6390.	2.2	52
117	Light scattering study of spherical poly(N-isopropylacrylamide) microgels. Journal of Macromolecular Science - Physics, 1997, 36, 345-355.	0.4	43
118	Study of the Coreâ^'Shell Nanoparticle Formed through the â€œCoil-to-Globuleâ€•Transition of Poly(N-isopropylacrylamide) Grafted with Poly(ethylene oxide). Macromolecules, 1997, 30, 7921-7926.	2.2	158
119	The â€œCoil-to-Globuleâ€•Transition of Poly(N-isopropylacrylamide) on the Surface of a Surfactant-Free Polystyrene Nanoparticle. Macromolecules, 1997, 30, 6873-6876.	2.2	95
120	Inter- and Intrachain Associations of an Ethyleneâ^'Vinyl Acetate Random Copolymer in Dilute 1,2-Dichloroethane Solutions. Macromolecules, 1997, 30, 3283-3287.	2.2	28
121	A Simple Structural Model for the Polymer Microsphere Stabilized by the Poly(ethylene oxide) Macromonomers Grafted on Its Surface. Macromolecules, 1997, 30, 2187-2189.	2.2	52
122	Intermacromolecular Complexation due to Specific Interactions 4. The Hydrogen-Bonding Complex of Vinylphenol-Containing Copolymer and Vinylpyridine-Containing Copolymer. Macromolecules, 1997, 30, 2313-2319.	2.2	72
123	Volume Phase Transition of Swollen Gels:Â Discontinuous or Continuous?. Macromolecules, 1997, 30, 574-576.	2.2	212
124	Laser light scattering studies of soluble high performance fluorine-containing polyimides, 1. Polyimide synthesized from 2,2â€²-bis(3,4-dicarboxyphenyl)-hexafluoropropane dianhydride and 2,2â€²-(trifluoromethyl)-4,4â€²-biphenyldiamine. Macromolecular Chemistry and Physics, 1997, 198, 3605-3614.	1.1	13
125	Laser light scattering of the molecular weight distribution of unfractionated phenolphthalein poly(aryl ether sulfone). Journal of Polymer Science, Part B: Polymer Physics, 1997, 35, 85-90.	2.4	5
126	Fluorescence and light-scattering studies on the formation of stable colloidal nanoparticles made of sodium sulfonated polystyrene ionomers. Journal of Polymer Science, Part B: Polymer Physics, 1997, 35, 1593-1599.	2.4	32

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127	Viscometric investigation of intramolecular hydrogen bonding cohesional entanglement in extremely dilute aqueous solution of poly vinyl alcohol. Journal of Polymer Science, Part B: Polymer Physics, 1997, 35, 2421-2427.	2.4	28
128	Laser light-scattering study of polyacrylamides with and without hydrolyzation in 0.35M KH2PO4 aqueous solution. Journal of Applied Polymer Science, 1997, 63, 1755-1760.	1.3	6
129	Photoinitiated copolymerization of acrylamide and styrene in oil-in-water microemulsion. Journal of Applied Polymer Science, 1997, 66, 2543-2549.	1.3	14
130	Laser Light-Scattering Study of Novel Thermoplastics. 2. Phenolphthalein Poly(ether sulfone) (PES-C). Macromolecules, 1996, 29, 3157-3160.	2.2	21
131	In-Situ Interferometry Studies of the Drying and Swelling Kinetics of an Ultrathin Poly(N-isopropylacrylamide) Gel Film below and above Its Volume Phase Transition Temperature. Macromolecules, 1996, 29, 4998-5001.	2.2	45
132	Internal Motions of both Poly(N-isopropylacrylamide) Linear Chains and Spherical Microgel Particles in Water. Macromolecules, 1996, 29, 1574-1578.	2.2	90
133	The aggregation of trichosanthin in aqueous solution. Journal of Polymer Science, Part B: Polymer Physics, 1996, 34, 221-227.	2.4	5
134	Effects of surfactants on the phase transition of poly(N-isopropylacrylamide) in water. , 1996, 34, 1597-1604.		84
135	Dynamic light-scattering characterization of the molecular weight distribution of a broadly distributed phenolphthalein poly(aryl ether ketone). Journal of Applied Polymer Science, 1996, 60, 1995-1999.	1.3	10
136	Volume phase transition of spherical microgel particles. Angewandte Makromolekulare Chemie, 1996, 240, 123-136.	0.3	75
137	A dynamic laser light-scattering study of chitosan in aqueous solution. Biopolymers, 1995, 35, 385-392.	1.2	63
138	Light-scattering and size-exclusion chromatographic characterization of hydroxyethyl cellulose acetate. Journal of Applied Polymer Science, 1995, 58, 1779-1785.	1.3	3
139	Laser light-scattering investigation of the density of pauci-chain polystyrene microlatices. Journal of Polymer Science, Part B: Polymer Physics, 1995, 33, 919-925.	2.4	15
140	Fiber optic angular displacement sensor. Review of Scientific Instruments, 1995, 66, 3672-3675.	0.6	17
141	Experimental Study of the Spectral Distribution of the Light Scattered from Flexible Macromolecules in Very Dilute Solution. Macromolecules, 1995, 28, 1032-1037.	2.2	41
142	Thermodynamically Stable Globule State of a Single Poly(N-isopropylacrylamide) Chain in Water. Macromolecules, 1995, 28, 5388-5390.	2.2	235
143	Laser light-scattering characterization of gelatin in formamide. Journal of Polymer Science, Part B: Polymer Physics, 1994, 32, 803-810.	2.4	24
144	Light-Scattering evidence of a â€œcriticalâ€•concentration for polymer coil shrinking in dilute solution. Journal of Polymer Science, Part B: Polymer Physics, 1994, 32, 1503-1509.	2.4	35

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145	A study of the degradation of polyethylene by high-temperature dynamic light-scattering. Journal of Applied Polymer Science, 1994, 54, 969-974.	1.3	4
146	A miniature interferometry sensor for monitoring the changes of film thickness and refractive index. Review of Scientific Instruments, 1994, 65, 1021-1022.	0.6	0
147	High-temperature dynamic laser light-scattering characterization of polyethylene in trichlorobenzene. Journal of Applied Polymer Science, 1993, 50, 1753-1759.	1.3	18