

Kenneth D Knudsen

List of Publications by Year in descending order

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137
papers

2,695
citations

218677

26
h-index

265206

42
g-index

139
all docs

139
docs citations

139
times ranked

3363
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of Lysine and TRITC Conjugation on the Size and Structure of Dextran Nanoconjugates with Potential for Biomolecule Delivery to Neurons. <i>ACS Applied Bio Materials</i> , 2021, 4, 6832-6842.	4.6	2
2	Unmodified Clay Nanosheets at the Air–Water Interface. <i>Langmuir</i> , 2021, 37, 160-170.	3.5	9
3	Glyceraldehyde as an Efficient Chemical Crosslinker Agent for the Formation of Chitosan Hydrogels. <i>Gels</i> , 2021, 7, 186.	4.5	5
4	Spherical Micelles with Nonspherical Cores: Effect of Chain Packing on the Micellar Shape. <i>Macromolecules</i> , 2020, 53, 10686-10698.	4.8	4
5	The Impact of Thermal History on Water Adsorption in a Synthetic Nanolayered Silicate with Intercalated Li ⁺ or Na ⁺ . <i>Journal of Physical Chemistry C</i> , 2020, 124, 24690-24703.	3.1	7
6	How Detergents Dissolve Polymeric Micelles: Kinetic Pathways of Hybrid Micelle Formation in SDS and Block Copolymer Mixtures. <i>Langmuir</i> , 2020, 36, 12887-12899.	3.5	6
7	From Single-Core Nanoparticles in Ferrofluids to Multi-Core Magnetic Nanocomposites: Assembly Strategies, Structure, and Magnetic Behavior. <i>Nanomaterials</i> , 2020, 10, 2178.	4.1	21
8	Antitubercular nanocarrier monotherapy: Study of In Vivo efficacy and pharmacokinetics for rifampicin. <i>Journal of Controlled Release</i> , 2020, 321, 312-323.	9.9	29
9	Interactions between Asphaltenes and a Model Demulsifier in Bulk and at an Interface Studied by Small-Angle Neutron Scattering (SANS) and Neutron Reflectometry. <i>Energy & Fuels</i> , 2020, 34, 6768-6779.	5.1	8
10	Tunable viscoelastic features of aqueous mixtures of thermosensitive ethyl(hydroxyethyl)cellulose and cellulose nanowhiskers. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 590, 124489.	4.7	6
11	Photonic composite materials from cellulose nanorods and clay nanolayers. <i>European Physical Journal: Special Topics</i> , 2020, 229, 2741-2755.	2.6	6
12	Poly(2-isopropyl-2-oxazoline)- <i>b</i> -poly(lactide) (PiPOx- <i>b</i> -PLA) Nanoparticles in Water: Interblock van der Waals Attraction Opposes Amphiphilic Phase Separation. <i>Macromolecules</i> , 2019, 52, 1317-1326.	4.8	7
13	Self-assembly and nanostructure of poly(vinyl alcohol)-graft-poly(methyl methacrylate) amphiphilic nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2019, 553, 512-523.	9.4	21
14	Differences in self-assembly features of thermoresponsive anionic triblock copolymers synthesized via one-pot or two-pot by atom transfer radical polymerization. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2019, 57, 524-534.	2.1	2
15	Chitosan-graft-poly(methyl methacrylate) amphiphilic nanoparticles: Self-association and physicochemical characterization. <i>Carbohydrate Polymers</i> , 2019, 212, 412-420.	10.2	27
16	Application of a two-phase thermosyphon loop calculation method to a cold neutron source. <i>Cryogenics</i> , 2019, 97, 55-62.	1.7	1
17	Influence of poly(ϵ -caprolactone) end-groups on the temperature-induced macroscopic gelation of Pluronic in aqueous media. <i>European Polymer Journal</i> , 2019, 112, 493-503.	5.4	6
18	Operando SAXS/WAXS on the a-P/C as the Anode for Na-Ion Batteries. <i>Journal of Physical Chemistry C</i> , 2018, 122, 5917-5923.	3.1	10

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19	Effect of PEGylation on the stability of thermoresponsive nanogels. <i>Journal of Colloid and Interface Science</i> , 2018, 524, 245-255.	9.4	13
20	Effect of PCL end-groups on the self-assembly process of Pluronic in aqueous media. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 2585-2596.	2.8	20
21	High concentration aqueous magnetic fluids: structure, colloidal stability, magnetic and flow properties. <i>Soft Matter</i> , 2018, 14, 6648-6666.	2.7	40
22	Sample cell for studying liquid interfaces with an <i>in situ</i> electric field using X-ray reflectivity and application to clay particles at oil-water interfaces. <i>Journal of Synchrotron Radiation</i> , 2018, 25, 915-917.	2.4	1
23	Stability and Phase Formation in the (Li/Na) ₆ C ₆₀ -H Systems Studied by Neutron Scattering. <i>Journal of Physical Chemistry C</i> , 2018, 122, 18346-18355.	3.1	3
24	A nano-silicate material with exceptional capacity for CO ₂ capture and storage at room temperature. <i>Scientific Reports</i> , 2018, 8, 11827.	3.3	24
25	Structural and Rheological Properties of Temperature-Responsive Amphiphilic Triblock Copolymers in Aqueous Media. <i>Journal of Physical Chemistry B</i> , 2017, 121, 4885-4899.	2.6	21
26	Synthesis and temperature-induced self-assembly of a positively charged symmetrical pentablock terpolymer in aqueous solutions. <i>European Polymer Journal</i> , 2017, 97, 158-168.	5.4	9
27	Self-Assembly of Mixtures of Telechelic and Monofunctional Amphiphilic Polymers in Water: From Clusters to Flowerlike Micelles. <i>Macromolecules</i> , 2017, 50, 7321-7332.	4.8	25
28	Small Angle Neutron Scattering. <i>Neutron Scattering Applications and Techniques</i> , 2016, , 159-191.	0.2	2
29	Quantification and key factors in delamination of (Mg _{1-x} Ni _y) ₂ Al _x (OH) ₂ (NO ₃) _x ·mH ₂ O. <i>Applied Clay Science</i> , 2016, 124-125, 102-110.	5.2	6
30	Novel Structural Changes during Temperature-Induced Self-Assembling and Gelation of PLGA-PEG-PLGA Triblock Copolymer in Aqueous Solutions. <i>Macromolecular Bioscience</i> , 2016, 16, 1838-1852.	4.1	36
31	Complexes of PEO-PPO-PEO triblock copolymer P123 and bile salt sodium glycodeoxycholate in aqueous solution: A small angle X-ray and neutron scattering investigation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 504, 426-436.	4.7	26
32	Continuous water adsorption states promoted by Ni ²⁺ confined in a synthetic smectite. <i>Applied Clay Science</i> , 2016, 123, 83-91.	5.2	19
33	Phase behavior, microstructure and cytotoxicity in mixtures of a charged triblock copolymer and an ionic surfactant. <i>European Polymer Journal</i> , 2016, 75, 461-473.	5.4	6
34	Preparation and self-assembly of amphiphilic polylysine dendrons. <i>New Journal of Chemistry</i> , 2016, 40, 3597-3611.	2.8	23
35	Self-assembly of a hydrophobically end-capped charged amphiphilic triblock copolymer: effects of temperature and salinity. <i>RSC Advances</i> , 2015, 5, 46916-46927.	3.6	7
36	Effects of Bile Salt Sodium Glycodeoxycholate on the Self-Assembly of PEO-PPO-PEO Triblock Copolymer P123 in Aqueous Solution. <i>Langmuir</i> , 2015, 31, 13519-13527.	3.5	39

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37	Schizophrenic micellization in aqueous solutions of the pH- and temperature responsive pentablock terpolymer PDEAEMAx-b-PNIPAAmy-b-PEGz-b-PNIPAAmy-b-PDEAEMAx. <i>European Polymer Journal</i> , 2015, 70, 79-93.	5.4	9
38	Intercalation and Retention of Carbon Dioxide in a Smectite Clay promoted by Interlayer Cations. <i>Scientific Reports</i> , 2015, 5, 8775.	3.3	78
39	Anisotropic clay-polystyrene nanocomposites: Synthesis, characterization and mechanical properties. <i>Applied Clay Science</i> , 2015, 108, 19-27.	5.2	20
40	Mr. Clean: A Tool for Tracking and Comparing the Lineage of Scientific Visualization Code. , 2014, , .		0
41	Mixed Micelles of Tetrameric Acids and Naphthenic Acids in Water. <i>Energy & Fuels</i> , 2014, 28, 4469-4479.	5.1	10
42	Structure, swelling, and drug release of thermoresponsive poly(amidoamine) dendrimer-poly(N-isopropylacrylamide) hydrogels. <i>Journal of Materials Science</i> , 2014, 49, 6102-6110.	3.7	24
43	Tailoring the amphiphilicity and self-assembly of thermosensitive polymers: end-capped PEG-polystyrene-PNIPAAm block copolymers. <i>Soft Matter</i> , 2013, 9, 10768-10778.	2.7	15
44	Aggregation of tetrameric acids in aqueous media studied by small-angle neutron scattering. <i>Journal of Colloid and Interface Science</i> , 2013, 394, 277-283.	9.4	13
45	Oxygen-Controlled Phase Segregation in Poly(N-isopropylacrylamide)/Laponite Nanocomposite Hydrogels. <i>Langmuir</i> , 2013, 29, 371-379.	3.5	13
46	Effect of Clay Surface Charge on the Emerging Properties of Polystyrene-Organoclay Nanocomposites. <i>Journal of Physical Chemistry C</i> , 2013, , 130913155225008.	3.1	2
47	Guided self-assembly of nanostructured titanium oxide. <i>Nanotechnology</i> , 2012, 23, 075706.	2.6	18
48	Swelling transition of a clay induced by heating. <i>Scientific Reports</i> , 2012, 2, 618.	3.3	58
49	Influence of nanoconfinement on morphology and dehydrogenation of the Li ¹¹ BD ₄ -Mg ¹¹ BD ₄ system. <i>Nanotechnology</i> , 2012, 23, 255704.	2.6	12
50	Guided self-assembly of nanostructured titanium oxide. <i>Nanotechnology</i> , 2012, 23, 279502.	2.6	4
51	New Aspects on the Decomposition of Sodium Alanate Revealed by Small-Angle X-ray Scattering. <i>Journal of Physical Chemistry C</i> , 2012, 116, 3875-3881.	3.1	2
52	Complex coacervate micelles formed by a C18-capped cationic triblock thermoresponsive copolymer interacting with SDS. <i>Soft Matter</i> , 2012, 8, 11514.	2.7	10
53	MgH ₂ in Carbon Scaffolds: A Combined Experimental and Theoretical Investigation. <i>Journal of Physical Chemistry C</i> , 2012, 116, 21139-21147.	3.1	28
54	Dipolar structuring of organically modified fluorohectorite clay particles. <i>European Physical Journal E</i> , 2012, 35, 9.	1.6	16

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55	Effects of addition of anionic and cationic surfactants to poly(N-isopropylacrylamide) microgels with and without acrylic acid groups. <i>Colloid and Polymer Science</i> , 2012, 290, 931-940.	2.1	3
56	Aqueous Mixtures of a Trisiloxane Surfactant and Oil Studied by SANS and NMR Self-diffusion: Effect of Temperature and Oil Concentration. <i>Journal of Solution Chemistry</i> , 2012, 41, 367-379.	1.2	2
57	Small-Angle Scattering Investigations on Nanoconfined Sodium Alanate for Hydrogen Storage Applications. <i>Nanoscience and Nanotechnology Letters</i> , 2012, 4, 173-177.	0.4	9
58	Asphaltenes Precipitated by a Two-Step Precipitation Procedure. 2. Physical and Chemical Characteristics. <i>Energy & Fuels</i> , 2011, 25, 3552-3567.	5.1	66
59	Characterization of temperature-induced association in aqueous solutions of charged ABCBA-type pentablock tercopolymers. <i>Soft Matter</i> , 2011, 7, 1168-1175.	2.7	26
60	Structuring from nanoparticles in oil-based ferrofluids. <i>European Physical Journal E</i> , 2011, 34, 28.	1.6	48
61	Microstructural changes in porous hematite nanoparticles upon calcination. <i>Journal of Applied Crystallography</i> , 2011, 44, 495-502.	4.5	4
62	Temperature-induced adsorption and optical properties of an amphiphilic diblock copolymer adsorbed onto flat and curved silver surfaces. <i>Journal of Colloid and Interface Science</i> , 2010, 342, 142-146.	9.4	5
63	Characterization of polyelectrolyte features in polysaccharide systems and mucin. <i>Advances in Colloid and Interface Science</i> , 2010, 158, 108-118.	14.7	30
64	Electric field induced structuring in clay-oil suspensions: new insights from WAXS, SEM, leak current, dielectric permittivity, and rheometry. <i>Journal of Physics Condensed Matter</i> , 2010, 22, 324104.	1.8	19
65	Viscosification in Polymer-Surfactant Mixtures at Low Temperatures. <i>Journal of Physical Chemistry B</i> , 2010, 114, 6273-6280.	2.6	20
66	Nanoconfined Magnesium Borohydride for Hydrogen Storage Applications Investigated by SANS and SAXS. <i>Journal of Physical Chemistry C</i> , 2010, 114, 18785-18789.	3.1	26
67	Gravitational and magnetic separation in self-assembled clay-ferrofluid nanocomposites. <i>Brazilian Journal of Physics</i> , 2009, 39, .	1.4	9
68	Small-angle scattering investigations of Mg-borohydride infiltrated in activated carbon. <i>Nanotechnology</i> , 2009, 20, 505702.	2.6	22
69	Slow salt-induced aggregation of citrate-covered silver particles in aqueous solutions of cellulose derivatives. <i>Colloid and Polymer Science</i> , 2009, 287, 1391-1404.	2.1	24
70	The Isotropic-Nematic Interface in Suspensions of Na-Fluorohectorite Synthetic Clay. <i>Langmuir</i> , 2009, 25, 12507-12515.	3.5	53
71	Effects of Temperature and pH on the Contraction and Aggregation of Microgels in Aqueous Suspensions. <i>Journal of Physical Chemistry B</i> , 2009, 113, 11115-11123.	2.6	63
72	Phase diagram of polydisperse Na-fluorohectorite-water suspensions: A synchrotron small-angle x-ray scattering study. <i>Physical Review E</i> , 2009, 79, 021402.	2.1	27

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73	Carbon nanocones: wall structure and morphology. <i>Science and Technology of Advanced Materials</i> , 2009, 10, 065002.	6.1	114
74	Rheological and structural aspects on association of hydrophobically modified polysaccharides. <i>Soft Matter</i> , 2009, 5, 1328.	2.7	37
75	Carbon Discs and Carbon Cones – New High Risk Materials for Nano-Sensors With Low Detection Limit and Fast Kinetics. <i>NATO Science for Peace and Security Series B: Physics and Biophysics</i> , 2009, , 285-292.	0.3	0
76	Hydrogen adsorption on carbon nanocone material studied by thermal desorption and photoemission. <i>Applied Surface Science</i> , 2008, 255, 1906-1910.	6.1	24
77	Temperature-induced intermicellization and contraction in aqueous mixtures of sodium dodecyl sulfate and an amphiphilic diblock copolymer. <i>Journal of Colloid and Interface Science</i> , 2008, 326, 76-88.	9.4	15
78	A transmission electron microscope and electron diffraction study of carbon nanodisks. <i>Carbon</i> , 2008, 46, 1535-1543.	10.3	25
79	Microstructures in Aqueous Solutions of a Polyoxyethylene Trisiloxane Surfactant and a Cosurfactant Studied by SANS and NMR Self-Diffusion. <i>Langmuir</i> , 2008, 24, 10637-10645.	3.5	27
80	Carbon Cones - a Structure with Unique Properties. <i>Materials Research Society Symposia Proceedings</i> , 2007, 1057, 1.	0.1	2
81	Asphaltenes Precipitated by a Two-Step Precipitation Procedure. 1. Interfacial Tension and Solvent Properties. <i>Energy & Fuels</i> , 2007, 21, 1030-1037.	5.1	61
82	Characterization of exfoliated layered double hydroxide (LDH, Mg/Al = 3) nanosheets at high concentrations in formamide. <i>Journal of Materials Chemistry</i> , 2007, 17, 965-971.	6.7	69
83	Characterization of interactions in aqueous mixtures of hydrophobically modified alginate and different types of surfactant. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2007, 293, 105-113.	4.7	21
84	Temperature-induced structural changes in some random ethylene/1-hexene copolymers. <i>Polymer</i> , 2007, 48, 3148-3161.	3.8	4
85	Brownian dynamics simulation of reversible polymer networks using a non-interacting bead-and-spring chain model. <i>Journal of Non-Newtonian Fluid Mechanics</i> , 2007, 146, 3-10.	2.4	11
86	Mesoscopic structure of dry-pressed clay samples from small-angle X-ray scattering measurements. <i>Journal of Applied Crystallography</i> , 2007, 40, s286-s291.	4.5	12
87	Small-angle X-ray and small-angle neutron scattering investigations of colloidal dispersions of magnetic nanoparticles and clay nanoplatelets. <i>Journal of Applied Crystallography</i> , 2007, 40, s269-s273.	4.5	11
88	Phase behavior of platelet-shaped nanosilicate colloids in saline solutions – a small-angle X-ray scattering study. <i>Journal of Applied Crystallography</i> , 2007, 40, s292-s296.	4.5	6
89	Rheological and Structural Characterization of the Interactions between Cyclodextrin Compounds and Hydrophobically Modified Alginate. <i>Biomacromolecules</i> , 2006, 7, 1871-1878.	5.4	47
90	Altering Associations in Aqueous Solutions of a Hydrophobically Modified Alginate in the Presence of β -Cyclodextrin Monomers. <i>Journal of Physical Chemistry B</i> , 2006, 110, 190-195.	2.6	66

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91	Characterization of Interactions in Aqueous Solutions of Hydroxyethylcellulose and Its Hydrophobically Modified Analogue in the Presence of a Cyclodextrin Derivative. <i>Journal of Physical Chemistry B</i> , 2006, 110, 6601-6608.	2.6	42
92	Characterization of Thermally Sensitive Interactions in Aqueous Mixtures of Hydrophobically Modified Hydroxyethylcellulose and Cyclodextrins. <i>Langmuir</i> , 2006, 22, 9023-9029.	3.5	11
93	Inferring orientation distributions in anisotropic powders of nano-layered crystallites from a single two-dimensional WAXS image. <i>Journal of Applied Crystallography</i> , 2006, 39, 661-670.	4.5	22
94	Dynamical and structural behavior of hydroxyethylcellulose hydrogels obtained by chemical gelation. <i>Polymer International</i> , 2006, 55, 365-374.	3.1	19
95	Effect of solvent composition on the association behavior of pectin in methanol/water mixtures. <i>European Polymer Journal</i> , 2006, 42, 1164-1172.	5.4	9
96	Structure and dynamics of aqueous mixtures of an anionic cellulose derivative and anionic or cationic surfactants. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2006, 279, 40-49.	4.7	25
97	Intercalation-enhanced electric polarization and chain formation of nano-layered particles. <i>Europhysics Letters</i> , 2006, 74, 438-444.	2.0	40
98	Structural and dynamical properties of aqueous mixtures of pectin and chitosan. <i>European Polymer Journal</i> , 2005, 41, 1718-1728.	5.4	25
99	Phase separation and structural properties of semidilute aqueous mixtures of ethyl(hydroxyethyl)cellulose and an ionic surfactant. <i>European Polymer Journal</i> , 2005, 41, 1954-1964.	5.4	30
100	Effects of Surfactant and Temperature on Rheological and Structural Properties of Semidilute Aqueous Solutions of Unmodified and Hydrophobically Modified Alginate. <i>Langmuir</i> , 2005, 21, 10923-10930.	3.5	58
101	Effects of β -Cyclodextrin Addition and Temperature on the Modulation of Hydrophobic Interactions in Aqueous Solutions of an Associative Alginate. <i>Biomacromolecules</i> , 2005, 6, 3129-3136.	5.4	14
102	Physical Properties of Aqueous Solutions of a Thermo-Responsive Neutral Copolymer and an Anionic Surfactant: Turbidity and Small-Angle Neutron Scattering Studies. <i>Langmuir</i> , 2005, 21, 8010-8018.	3.5	14
103	Viscoelastic and structural properties of pharmaceutical hydrogels containing monocaprin. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2005, 59, 333-342.	4.3	30
104	Association in Aqueous Solutions of a Thermoresponsive PVCL-g-C11EO42 Copolymer. <i>Macromolecules</i> , 2005, 38, 948-960.	4.8	63
105	Small-angle neutron scattering from a nano-layered synthetic silicate. <i>Physica B: Condensed Matter</i> , 2004, 352, 247-258.	2.7	27
106	Rheological and structural properties of aqueous solutions of a hydrophobically modified polyelectrolyte and its unmodified analogue. <i>European Polymer Journal</i> , 2004, 40, 721-733.	5.4	20
107	Rheological and Structural Properties of Aqueous Alginate during Gelation via the Ugi Multicomponent Condensation Reaction. <i>Biomacromolecules</i> , 2004, 5, 1470-1479.	5.4	86
108	Pore characteristics and water absorption in a synthetic smectite clay. <i>Journal of Applied Crystallography</i> , 2003, 36, 587-591.	4.5	21

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109	Accuracy of molecular structures determined from high-resolution powder diffraction. The example of m-fluorobenzoic acid. <i>Journal of Applied Crystallography</i> , 2000, 33, 82-86.	4.5	7
110	Rapid characterization of complex structural phase transitions using powder diffraction and an area detector. <i>Journal of Synchrotron Radiation</i> , 2000, 7, 251-256.	2.4	3
111	Powder diffraction and inelastic neutron scattering studies of the Na ₂ RbC ₆₀ fulleride. <i>Journal of Materials Chemistry</i> , 2000, 10, 1443-1449.	6.7	3
112	Pressure and Temperature Evolution of the Structure of the Superconducting Na ₂ CsC ₆₀ Fulleride. <i>Journal of Solid State Chemistry</i> , 1999, 145, 471-478.	2.9	23
113	Ab initio Structure Determination of [(Dimethylamino)methylene]bis[phosphonic Acid] Dihydrate from X-Ray Powder Diffraction Data: Comparison with the Corresponding Monohydrate and Unhydrated Form. <i>Helvetica Chimica Acta</i> , 1999, 82, 35-43.	1.6	4
114	High Pressure Polymerization of the Li-Intercalated Fulleride Li ₃ CsC ₆₀ . <i>Chemistry of Materials</i> , 1999, 11, 2960-2965.	6.7	18
115	Temperature and pressure dependence of orientational disorder and bonding in Li ₂ CsC ₆₀ . <i>Solid State Sciences</i> , 1999, 1, 157-163.	0.7	3
116	Molecular biology of Chlamydia pneumoniae surface proteins and their role in immunopathogenicity. <i>American Heart Journal</i> , 1999, 138, S491-S495.	2.7	21
117	Brownian dynamics simulation of needle-spring chains. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1998, 253, 66-76.	2.6	15
118	Structure, Stoichiometry, and Phase Purity of Calcium Substituted Lanthanum Manganite Powders. <i>Journal of Solid State Chemistry</i> , 1998, 140, 320-330.	2.9	33
119	Solution of the Crystal and Molecular Structure of Complex Low-Symmetry Organic Compounds with Powder Diffraction Techniques: Fluorescein Diacetate. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 2340-2343.	13.8	28
120	Phase-contrast imaging with hard X-rays. <i>Journal of Materials Science Letters</i> , 1997, 16, 1521-1524.	0.5	0
121	Fracture of flexible polymer chains in dilute solution under transient extensional flow. <i>Colloid and Polymer Science</i> , 1997, 275, 1001-1009.	2.1	4
122	Conformation and Fracture of Polystyrene Chains in Extensional Flow Studied by Numerical Simulation. <i>Macromolecules</i> , 1996, 29, 3603-3610.	4.8	19
123	Gaussian chains with excluded volume and hydrodynamic interaction: shear rate dependence of radius of gyration, intrinsic viscosity and flow birefringence. <i>Polymer</i> , 1996, 37, 1317-1322.	3.8	19
124	Fracture of DNA in transient extensional flow. A numerical simulation study. <i>Biopolymers</i> , 1996, 39, 435-444.	2.4	1
125	A Molecular Dynamics Study of Linear Bead-Spring Polymer Chain Self-Organization into Condensed Amorphous and Crystalline Globules. <i>Acta Chemica Scandinavica</i> , 1996, 50, 18-23.	0.7	7
126	Numerical analysis of the rotational relaxation time of spectrin segments and spectrin heterodimer in dilute aqueous solution. <i>Macromolecular Theory and Simulations</i> , 1995, 4, 253-275.	1.4	3

#	ARTICLE	IF	CITATIONS
127	Dynamics of coaxial torsional resonators consisting of segments with different radii, material properties and surrounding media. <i>Rheologica Acta</i> , 1995, 34, 235-247.	2.4	5
128	An automated high-pressure, high-temperature, low-frequency viscometer. <i>Rheologica Acta</i> , 1995, 34, 248-258.	2.4	1
129	Simulation of Fracture of Flexible Polymer Chains in Transient Elongational Flow. <i>Macromolecules</i> , 1995, 28, 4660-4664.	4.8	9
130	A new torsional rod instrument for high frequency dynamic viscoelastic measurements. <i>Journal of Non-Newtonian Fluid Mechanics</i> , 1994, 52, 217-232.	2.4	9
131	Temperature-Induced conformational transition in xanthans with partially hydrolyzed side chains. <i>Biopolymers</i> , 1993, 33, 151-161.	2.4	27
132	Flow birefringence of flexible polymer chains in steady shear flow: a Brownian dynamics simulation. <i>Macromolecules</i> , 1993, 26, 3851-3857.	4.8	12
133	Characteristic mechanical impedance of rheometers with axial symmetry. A theoretical and numerical analysis. <i>Rheologica Acta</i> , 1992, 31, 421-430.	2.4	7
134	Mathematical analysis of rheometer dynamics using multi-segment models. <i>Rheologica Acta</i> , 1992, 31, 431-439.	2.4	4
135	Measurement of the dynamic viscoelastic properties of polymer solutions using the Birnboim-Schrag multiple lump resonator. A theoretical and numerical study. <i>Rheologica Acta</i> , 1992, 31, 440-458.	2.4	6
136	Torsional dynamics of the Birnboim-Schrag multiple lump resonator studied using TV-holography. <i>Rheologica Acta</i> , 1992, 31, 459-470.	2.4	5
137	Optical rotation of dilute aqueous xanthan solutions at elevated hydrostatic pressure. <i>Journal of Applied Polymer Science</i> , 1991, 42, 2063-2071.	2.6	3