

# Kell Mortensen

## List of Publications by Year in descending order

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380  
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19,087  
citations

10351

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390  
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390  
docs citations

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times ranked

11129  
citing authors

#	ARTICLE	IF	CITATIONS
1	Polyisoprene-Polystyrene Diblock Copolymer Phase Diagram near the Order-Disorder Transition. <i>Macromolecules</i> , 1995, 28, 8796-8806.	2.2	965
2	Structural study on the micelle formation of poly(ethylene oxide)-poly(propylene oxide)-poly(ethylene oxide) triblock copolymers in aqueous solution. <i>Macromolecules</i> , 1995, 28, 8796-8806.	2.2	679
3	The properties of five highly conducting salts: (TMTSF) <sub>2</sub> X, X = PF <sub>6</sub> <sup>-</sup> , AsF <sub>6</sub> <sup>-</sup> , SbF <sub>6</sub> <sup>-</sup> , BF <sub>4</sub> <sup>-</sup> and NO <sub>3</sub> <sup>-</sup> ; derived from tetramethyltetraselenafulvalene (TMTSF). <i>Solid State Communications</i> , 1980, 33, 1119-1125.	0.9	618
4	Direct observation of magnetic flux lattice melting and decomposition in the high-T <sub>c</sub> superconductor Bi <sub>2</sub> .15Sr <sub>1.95</sub> CaCu <sub>2</sub> O <sub>8+x</sub> . <i>Nature</i> , 1993, 365, 407-411.	13.7	458
5	Analytical treatment of the resolution function for small-angle scattering. <i>Journal of Applied Crystallography</i> , 1990, 23, 321-333.	1.9	419
6	Fluctuations, conformational asymmetry and block copolymer phase behaviour. <i>Faraday Discussions</i> , 1994, 98, 7-18.	1.6	399
7	The Molecular Characteristics of Poly(propyleneimine) Dendrimers As Studied with Small-Angle Neutron Scattering, Viscosimetry, and Molecular Dynamics. <i>Macromolecules</i> , 1998, 31, 456-461.	2.2	369
8	Structural studies of aqueous solutions of PEO - PPO - PEO triblock copolymers, their micellar aggregates and mesophases; a small-angle neutron scattering study. <i>Journal of Physics Condensed Matter</i> , 1996, 8, A103-A124.	0.7	304
9	Polymeric Bicontinuous Microemulsions. <i>Physical Review Letters</i> , 1997, 79, 849-852.	2.9	300
10	Poly(ethylene oxide)-poly(propylene oxide)-poly(ethylene oxide) triblock copolymers in aqueous solution. The influence of relative block size. <i>Macromolecules</i> , 1993, 26, 4128-4135.	2.2	280
11	Hexagonal mesophases between lamellae and cylinders in a diblock copolymer melt. <i>Macromolecules</i> , 1993, 26, 5959-5970.	2.2	263
12	Inverse melting transition and evidence of three-dimensional cubatic structure in a block-copolymer micellar system. <i>Physical Review Letters</i> , 1992, 68, 2340-2343.	2.9	262
13	Epitaxial Relationship for Hexagonal-to-Cubic Phase Transition in a Block Copolymer Mixture. <i>Physical Review Letters</i> , 1994, 73, 86-89.	2.9	254
14	Phase Behavior of Poly(propylene oxide)-Poly(ethylene oxide)-Poly(propylene oxide) Triblock Copolymer Melt and Aqueous Solutions. <i>Macromolecules</i> , 1994, 27, 5654-5666.	2.2	235
15	Cryo-TEM and SANS Microstructural Study of Pluronic Polymer Solutions. <i>Macromolecules</i> , 1995, 28, 8829-8834.	2.2	225
16	Transformations to and from the Gyroid Phase in a Diblock Copolymer. <i>Macromolecules</i> , 1998, 31, 5702-5716.	2.2	216
17	Interaction of ABA Block Copolymers with Ionic Surfactants: Influence on Micellization and Gelation. <i>The Journal of Physical Chemistry</i> , 1995, 99, 4866-4874.	2.9	196
18	Order and Disorder in Symmetric Diblock Copolymer Melts. <i>Macromolecules</i> , 1995, 28, 1429-1443.	2.2	193

#	ARTICLE	IF	CITATIONS
19	Phase Behavior of Pure Diblocks and Binary Diblock Blends of Poly(ethylene)-Poly(ethylene). <i>Macromolecules</i> , 1996, 29, 1204-1215.	2.2	193
20	Phase Behavior of Polystyrene-Poly(2-vinylpyridine) Diblock Copolymers. <i>Macromolecules</i> , 1996, 29, 2857-2867.	2.2	182
21	Epitaxial growth and shearing of the body centered cubic phase in diblock copolymer melts. <i>Journal of Rheology</i> , 1994, 38, 999-1027.	1.3	174
22	Structural evidence for a two-step process in the depinning of the superconducting flux-line lattice. <i>Nature</i> , 1995, 376, 753-755.	13.7	172
23	Polymer Aggregates with Crystalline Cores: The System Polyethylene-Poly(ethylenepropylene). <i>Macromolecules</i> , 1997, 30, 1053-1068.	2.2	172
24	Antiferromagnetic Ordering in the Organic Conductor bis-Tetramethyltetraselenafulvalene-Hexafluorophosphate [(TMTSF) <sub>2</sub> -PF <sub>6</sub> ]. <i>Physical Review Letters</i> , 1981, 46, 1234-1237.	2.9	170
25	Can a single function account for block copolymer and homopolymer blend phase behavior?. <i>Journal of Chemical Physics</i> , 1998, 108, 2989-3000.	1.2	166
26	Comparative degradation study of carbon supported proton exchange membrane fuel cell electrocatalysts – The influence of the platinum to carbon ratio on the degradation rate. <i>Journal of Power Sources</i> , 2014, 261, 14-22.	4.0	163
27	Multiple ordered phases in a block copolymer melt. <i>Macromolecules</i> , 1992, 25, 1743-1751.	2.2	161
28	Phase Behaviour of Poly(ethylene oxide)-Poly(propylene oxide)-Poly(ethylene oxide) Triblock-Copolymer Dissolved in Water. <i>Europhysics Letters</i> , 1992, 19, 599-604.	0.7	155
29	Neutron Diffraction Studies of Flowing and Pinned Magnetic Flux Lattices in $2H\text{-NbSe}_2$ . <i>Physical Review Letters</i> , 1994, 73, 2748-2751.	2.9	147
30	Complex Phase Behavior in Solvent-Free Nonionic Surfactants. <i>Science</i> , 1996, 271, 976-978.	6.0	145
31	Microscopic coexistence of magnetism and superconductivity in $\text{ErNi}_2\text{B}_2\text{C}$ . <i>Nature</i> , 1996, 382, 236-238.	13.7	137
32	Antiferromagnetism in the organic conductor bis-tetramethyltetraselenafulvalene hexafluoroarsenate [(TMTSF) <sub>2</sub> AsF <sub>6</sub> ]: Static magnetic susceptibility. <i>Physical Review B</i> , 1982, 25, 3319-3325.	1.1	133
33	Compound refractive optics for the imaging and focusing of low-energy neutrons. <i>Nature</i> , 1998, 391, 563-566.	13.7	132
34	Mean-field and Ising critical behavior of a polymer blend. <i>Physical Review Letters</i> , 1987, 58, 1544-1546.	2.9	129
35	Observation of a Field-Driven Structural Phase Transition in the Flux Line Lattice in $\text{ErNi}_2\text{B}_2\text{C}$ . <i>Physical Review Letters</i> , 1997, 78, 1968-1971.	2.9	128
36	Elliptical Structure of Phospholipid Bilayer Nanodiscs Encapsulated by Scaffold Proteins: Casting the Roles of the Lipids and the Protein. <i>Journal of the American Chemical Society</i> , 2010, 132, 13713-13722.	6.6	117

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37	Isotropic Lifshitz Behavior in Block Copolymer-Homopolymer Blends. <i>Physical Review Letters</i> , 1995, 75, 4429-4432.	2.9	112
38	Effects of PEO~PPO Diblock Impurities on the Cubic Structure of Aqueous PEO~PPO~PEO Pluronics Micelles: fcc and bcc Ordered Structures in F127. <i>Macromolecules</i> , 2008, 41, 1720-1727.	2.2	109
39	Structural properties of a phosphatidylcholine-cholesterol system as studied by small-angle neutron scattering: ripple structure and phase diagram. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1988, 945, 221-245.	1.4	105
40	Pressure dependence of the Flory-Huggins interaction parameter in polymer blends: a SANS study and a comparison to the Flory-Orwoll-Vrij equation of state. <i>Macromolecules</i> , 1993, 26, 5587-5591.	2.2	105
41	Structure and Correlations of the Flux Line Lattice in Crystalline Nb through the Peak Effect. <i>Physical Review Letters</i> , 1998, 80, 833-836.	2.9	97
42	PEO-related block copolymer surfactants. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2001, 183-185, 277-292.	2.3	94
43	Structural properties of self-assembled polymeric aggregates in aqueous solutions. <i>Polymers for Advanced Technologies</i> , 2001, 12, 2-22.	1.6	94
44	Structure of PS~PEO Diblock Copolymers in Solution and the Bulk State Probed Using Dynamic Light-Scattering and Small-Angle Neutron-Scattering and Dynamic Mechanical Measurements. <i>Langmuir</i> , 1997, 13, 3635-3645.	1.6	93
45	Small-angle neutron scattering from multilamellar lipid bilayers: Theory, model, and experiment. <i>Physical Review E</i> , 1996, 53, 5169-5180.	0.8	92
46	Synthesis, Characterization, and Structural Investigations of Poly(ethyl acrylate)-l-polyisobutylene Bicomponent Conetwork. <i>Macromolecules</i> , 2001, 34, 1579-1585.	2.2	91
47	Recent advances in X-ray compatible microfluidics for applications in soft materials and life sciences. <i>Lab on A Chip</i> , 2016, 16, 4263-4295.	3.1	91
48	Order, disorder, and fluctuation effects in an asymmetric poly(ethylene~propylene)~poly(ethylene) diblock copolymer. <i>Journal of Chemical Physics</i> , 1992, 96, 9122-9132.	1.2	90
49	Structural Stability of the Square Flux Line Lattice in YNi <sub>2</sub> B <sub>2</sub> C and LuNi <sub>2</sub> B <sub>2</sub> C Studied with Small Angle Neutron Scattering. <i>Physical Review Letters</i> , 1997, 79, 487-490.	2.9	90
50	Influence of Alcohol on the Behavior of Sodium Dodecylsulfate Micelles. <i>Journal of Colloid and Interface Science</i> , 1998, 203, 328-334.	5.0	90
51	Polymorphism, microstructure and rheology of butter. Effects of cream heat treatment. <i>Food Chemistry</i> , 2012, 135, 1730-1739.	4.2	89
52	Intermolecular Interactions between Dendrimer Molecules in Solution Studied by Small-Angle Neutron Scattering. <i>Macromolecules</i> , 1998, 31, 1621-1626.	2.2	88
53	Reversible Thermal Gelation in Soft Spheres. <i>Physical Review Letters</i> , 2000, 85, 4072-4075.	2.9	87
54	The Effect of Medium Chain Length Alcohols on the Micellar Properties of Sodium Dodecyl Sulfate in Sodium Chloride Solutions. <i>Journal of Colloid and Interface Science</i> , 1994, 164, 163-167.	5.0	86

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55	Transport properties of some derivatives of tetrathiafulvalene-tetracyano-p-quinodimethane (TTF-TCNQ). <i>Physical Review B</i> , 1978, 18, 905-921.	1.1	85
56	Shear-Induced Transition of Originally Undisturbed Lamellar Phase to Vesicle Phase. <i>Langmuir</i> , 2000, 16, 8653-8663.	1.6	84
57	Anomalous swelling of multilamellar lipid bilayers in the transition region by renormalization of curvature elasticity. <i>Physical Review Letters</i> , 1994, 72, 3911-3914.	2.9	83
58	Phase Behavior, Microstructure, and Dynamics in a Nonionic Microemulsion on Addition of Hydrophobically End-Capped Poly(ethylene oxide). <i>Langmuir</i> , 1997, 13, 4204-4218.	1.6	81
59	Structural properties of self-assembled polymeric micelles. <i>Current Opinion in Colloid and Interface Science</i> , 1998, 3, 12-19.	3.4	81
60	Intertwined symmetry of the magnetic modulation and the flux-line lattice in the superconducting state of TmNi <sub>2</sub> B <sub>2</sub> C. <i>Nature</i> , 1998, 393, 242-245.	13.7	81
61	Influence of Shear on the Hexagonal-to-Disorder Transition in a Diblock Copolymer Melt. <i>Macromolecules</i> , 1994, 27, 5934-5936.	2.2	80
62	Variable Shear-Induced Orientation of a Diblock Copolymer Hexagonal Phase. <i>Macromolecules</i> , 1995, 28, 3008-3011.	2.2	80
63	Structure of RecA-DNA complexes studied by combination of linear dichroism and small-angle neutron scattering measurements on flow-oriented samples. <i>Journal of Molecular Biology</i> , 1992, 226, 1175-1191.	2.0	79
64	Cubic Phase in a Connected Micellar Network of Poly(propylene oxide)- <i>b</i> -Poly(ethylene oxide). <i>Journal of Physical Chemistry B</i> , 1999, 103, 1605-1617.	2.2	78
65	Behavior of Ionically Charged Lamellar Systems under the Influence of a Shear Field. <i>Journal of Physical Chemistry B</i> , 1999, 103, 1605-1617.	1.2	77
66	Structure of casein micelles studied by small-angle neutron scattering. <i>European Biophysics Journal</i> , 1996, 24, 143.	1.2	76
67	Nonionic Amphiphilic Bilayer Structures under Shear. <i>Langmuir</i> , 2001, 17, 999-1008.	1.6	76
68	Shear-Induced Morphologies of Cubic Ordered Block Copolymer Micellar Networks Studied by in Situ Small-Angle Neutron Scattering and Rheology. <i>Macromolecules</i> , 2002, 35, 7773-7781.	2.2	76
69	Investigation of the phase diagram and critical fluctuations of the system polyvinylmethylether and polystyrene with neutron small angle scattering. <i>Journal of Chemical Physics</i> , 1987, 87, 6078-6087.	1.2	75
70	Molecular Characterization of the Interaction between siRNA and PAMAM G7 Dendrimers by SAXS, ITC, and Molecular Dynamics Simulations. <i>Biomacromolecules</i> , 2010, 11, 3571-3577.	2.6	75
71	Anomalous magnetoresistance in an organic conductor: (TMTSF) <sub>2</sub> PF <sub>6</sub> . <i>Solid State Communications</i> , 1981, 38, 423-428.	0.9	74
72	Small-Angle X-ray and Neutron Scattering from Bulk and Oriented Triblock Copolymer Gels. <i>Macromolecules</i> , 1995, 28, 2054-2062.	2.2	72

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73	Temperature and Pressure Dependence of the Order Parameter Fluctuations, Conformational Compressibility, and the Phase Diagram of the PEP-PDMS Diblock Copolymer. <i>Physical Review Letters</i> , 1996, 77, 3153-3156.	2.9	72
74	Microstructure in a Ternary Microemulsion Studied by Small Angle Neutron Scattering. <i>Langmuir</i> , 1997, 13, 1413-1421.	1.6	72
75	A SANS Investigation of Reverse (Water-in-Oil) Micelles of Amphiphilic Block Copolymers. <i>Macromolecules</i> , 1999, 32, 6725-6733.	2.2	72
76	The Effective Factors on the Structure of Butter and Other Milk Fat-Based Products. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2013, 12, 468-482.	5.9	71
77	The effect of cholesterol in small amounts on lipid-bilayer softness in the region of the main phase transition. <i>European Biophysics Journal</i> , 1997, 25, 293-304.	1.2	70
78	The particle proximity effect: from model to high surface area fuel cell catalysts. <i>RSC Advances</i> , 2014, 4, 14971.	1.7	70
79	Pseudocritical Behavior and Unbinding of Phospholipid Bilayers. <i>Physical Review Letters</i> , 1995, 75, 3958-3961.	2.9	68
80	McXtrace: a Monte Carlo software package for simulating X-ray optics, beamlines and experiments. <i>Journal of Applied Crystallography</i> , 2013, 46, 679-696.	1.9	68
81	Neutron diffraction from the vortex lattice in the heavy-fermion superconductor UPt <sub>3</sub> . <i>Physical Review Letters</i> , 1992, 69, 3120-3123.	2.9	67
82	Structural development of silica gels aged in TEOS. <i>Journal of Non-Crystalline Solids</i> , 1998, 231, 10-16.	1.5	65
83	Self-assembling peptides form nanodiscs that stabilize membrane proteins. <i>Soft Matter</i> , 2014, 10, 738-752.	1.2	65
84	Order, Disorder, and Composition Fluctuation Effects in Low Molar Mass Hydrocarbon-Poly(dimethylsiloxane) Diblock Copolymers. <i>Macromolecules</i> , 1996, 29, 5940-5947.	2.2	64
85	Pt based PEMFC catalysts prepared from colloidal particle suspensions – a toolbox for model studies. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 3602.	1.3	64
86	Plant-crafted starches for bioplastics production. <i>Carbohydrate Polymers</i> , 2016, 152, 398-408.	5.1	64
87	An unusual metal-insulator transition: bis(tetramethyltetraselenafulvalenium)-perhenate (TMTSF <sub>2</sub> ReO <sub>4</sub> ). <i>Journal of Physics C: Solid State Physics</i> , 1982, 15, 2651-2663.	1.5	63
88	Systematic Studies of the Square-Hexagonal Flux Line Lattice Transition in Lu(Ni <sub>1-x</sub> Cox) <sub>2</sub> B <sub>2</sub> C: The Role of Nonlocality. <i>Physical Review Letters</i> , 1999, 82, 4082-4085.	2.9	62
89	Structural evolution of bicontinuous microemulsions. <i>The Journal of Physical Chemistry</i> , 1991, 95, 7427-7432.	2.9	61
90	SANS-II at SINQ: installation of the former RisÅ-SANS facility. <i>Physica B: Condensed Matter</i> , 2004, 350, E783-E786.	1.3	61

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91	<i>WillitFit</i>: a framework for fitting of constrained models to small-angle scattering data. Journal of Applied Crystallography, 2013, 46, 1894-1898.	1.9	61
92	Molecular Structure Characterization of Hyperbranched Polyesteramides. Macromolecules, 2001, 34, 3552-3558.	2.2	60
93	Effect of shear on cubic phases in gels of a diblock copolymer. Journal of Chemical Physics, 1998, 108, 6929-6936.	1.2	59
94	Monitoring Shifts in the Conformation Equilibrium of the Membrane Protein Cytochrome P450 Reductase (POR) in Nanodiscs. Journal of Biological Chemistry, 2012, 287, 34596-34603.	1.6	59
95	SDS Micelles at High Ionic Strength. A Light Scattering, Neutron Scattering, Fluorescence Quenching, and CryoTEM Investigation. Journal of Colloid and Interface Science, 1998, 202, 222-231.	5.0	58
96	Small-angle scattering gives direct structural information about a membrane protein inside a lipid environment. Acta Crystallographica Section D: Biological Crystallography, 2014, 70, 371-383.	2.5	58
97	L3 Phase in a Binary Block Copolymer/Water System. Macromolecules, 1995, 28, 5465-5476.	2.2	57
98	On the influence of the Pt to carbon ratio on the degradation of high surface area carbon supported PEM fuel cell electrocatalysts. Electrochemistry Communications, 2013, 34, 153-156.	2.3	57
99	Physical properties and the Peierls instability of $\text{Li}_{0.82}[\text{Pt}(\text{S}_2\text{C}_2(\text{CN})_2)_2] \cdot 2\text{H}_2\text{O}$ . Physical Review B, 1984, 29, 4796-4799.	1.1	55
100	Structural Studies of Thermoplastic Triblock Copolymer Gels. Macromolecules, 1994, 27, 2345-2347.	2.2	53
101	Behavior of a Charged Vesicle System under the Influence of a Shear Gradient: A Microstructural Study. Journal of Physical Chemistry B, 1998, 102, 2837-2840.	1.2	53
102	Micellar Structures of Hydrophilic/Lipophilic and Hydrophilic/Fluorophilic Poly(2-oxazoline) Diblock Copolymers in Water. Macromolecular Chemistry and Physics, 2008, 209, 2248-2258.	1.1	53
103	New sources and instrumentation for neutrons in biology. Chemical Physics, 2008, 345, 133-151.	0.9	53
104	Temperature Dependence of the Flux Line Lattice Transition into Square Symmetry in Superconducting $\text{LuNi}_2\text{B}_2\text{C}$ . Physical Review Letters, 2001, 86, 5148-5151.	2.9	52
105	On the Crossover from Ising to Mean-Field Behaviour in Compatible Binary-Polymer Blends. Europhysics Letters, 1993, 22, 577-583.	0.7	50
106	Pressure-induced melting of micellar crystal. Physical Review Letters, 1993, 71, 1728-1731.	2.9	50
107	On the N-scaling of the Ginzburg number and the critical amplitudes in various compatible polymer blends. Journal De Physique II, 1994, 4, 837-848.	0.9	50
108	Non-Ohmic Behavior of cis-Polyacetylene Doped with $\text{AsF}_5$ . Physical Review Letters, 1980, 45, 490-493.	2.9	49

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109	Effect of planar extension on the structure and mechanical properties of polystyrene-poly(ethylene-oxide) diblock copolymers. <i>Macromolecules</i> , 1995, 28, 1458-1463.	1.8	49
110	Micro- vs. macro-phase separation in binary blends of poly(styrene)-poly(isoprene) and poly(isoprene)-poly(ethylene oxide) diblock copolymers. <i>Europhysics Letters</i> , 2001, 53, 680-686.	0.7	49
111	Lamellar Mesophase of Poly(ethylene oxide)-poly(propylene oxide)-poly(ethylene oxide) Melts and Water-Swollen Mixtures. <i>Macromolecules</i> , 1995, 28, 1458-1463.	2.2	48
112	Composition Fluctuations and Coil Conformation in a Poly(ethylene-propylene)-Poly(ethylene) Diblock Copolymer as a Function of Temperature and Pressure. <i>Macromolecules</i> , 1996, 29, 3263-3271.	2.2	48
113	Magnetic phase diagram of MnSi. <i>Journal of Magnetism and Magnetic Materials</i> , 1995, 140-144, 119-120.	1.0	47
114	Structural studies of lamellar surfactant systems under shear. <i>Current Opinion in Colloid and Interface Science</i> , 2001, 6, 140-145.	3.4	46
115	Fractal dimension of humic acids. <i>European Biophysics Journal</i> , 1992, 21, 163.	1.2	45
116	Thermal composition fluctuations near the isotropic Lifshitz critical point in a ternary mixture of a homopolymer blend and diblock copolymer. <i>Journal of Chemical Physics</i> , 2000, 112, 5454-5472.	1.2	45
117	Thermopower studies of a series of salts of tetramethyltetrafulvalene [(TMTTF) <sub>2</sub> X, X=Br, ClO <sub>4</sub> , NO <sub>3</sub> , SCN, BF <sub>4</sub> , AsF <sub>6</sub> , and PF <sub>6</sub> ]. <i>Physical Review B</i> , 1983, 28, 5856-5862.	1.1	43
118	A SANS investigation on absolute scale of a homologous series of base-catalysed silica aerogels. <i>Journal of Non-Crystalline Solids</i> , 1992, 145, 128-132.	1.5	42
119	Small angle neutron scattering study of the magnetic flux-line lattice in single crystal 2H-NbSe <sub>2</sub> . <i>Physical Review Letters</i> , 1994, 72, 278-281.	2.9	42
120	Micro- and Macrostructural Studies of Sodium Deoxycholate Micellar Complexes in Aqueous Solutions. <i>Langmuir</i> , 1996, 12, 6188-6196.	1.6	42
121	Structure of randomly crosslinked poly(dimethylsiloxane) networks produced by electron irradiation. <i>Macromolecules</i> , 1993, 26, 5350-5364.	2.2	40
122	Shear-induced ordering kinetics of a triblock copolymer melt. <i>Journal of Chemical Physics</i> , 1998, 108, 326-333.	1.2	40
123	Crossover from 3D Ising to Isotropic Lifshitz Critical Behavior in a Mixture of a Homopolymer Blend and Diblock Copolymer. <i>Physical Review Letters</i> , 1999, 82, 5056-5059.	2.9	40
124	Environmental stress cracking resistance. Behaviour of polycarbonate in different chemicals by determination of the time-dependence of stress at constant strains. <i>Polymer Degradation and Stability</i> , 2003, 82, 451-461.	2.7	40
125	Effect of cream cooling rate and water content on butter microstructure during four weeks of storage. <i>Food Hydrocolloids</i> , 2014, 34, 169-176.	5.6	40
126	Neutron scattering from a series of compatible polymer blends: Significance of the Flory- $\chi$ parameter. <i>Journal of Chemical Physics</i> , 1987, 87, 6144-6149.	1.2	39



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127	Structure-Property Relations in Dendritic Polyelectrolyte Solutions at Different Ionic Strength. <i>Macromolecules</i> , 2002, 35, 827-833.	2.2	39
128	Correlation between Morphology, Water Uptake, and Proton Conductivity in Radiation-Grafted Proton-Exchange Membranes. <i>Macromolecular Chemistry and Physics</i> , 2010, 211, 635-643.	1.1	39
129	Design of an Injectable in Situ Gelation Biomaterials for Vitreous Substitute. <i>Biomacromolecules</i> , 2011, 12, 4011-4021.	2.6	39
130	Crossover from mean field to three-dimensional Ising critical behavior in a three-component microemulsion system. <i>Physical Review E</i> , 1996, 54, 629-633.	0.8	38
131	Mesoscopic Crystallography: A Small-Angle Neutron Scattering Study of the Body-Centered Cubic Micellar Structure Formed in a Block Copolymer Gel. <i>Macromolecules</i> , 1998, 31, 6958-6963.	2.2	38
132	Dibenzo-TTF-dichloro-TCNQ: a quasi-one-dimensional magnetic semiconductor. <i>Journal of Physics C: Solid State Physics</i> , 1980, 13, 3411-3425.	1.5	37
133	Structure of a RecA-DNA complex from linear dichroism and small-angle neutron-scattering in flow-oriented solution. <i>Journal of Molecular Biology</i> , 1990, 216, 223-228.	2.0	37
134	Evidence for Elongation of the Helical Pitch of the RecA Filament Upon ATP and ADP Binding Using Small-Angle Neutron Scattering. <i>FEBS Journal</i> , 1995, 233, 579-583.	0.2	37
135	Identification of an intermediate-segregation regime in a diblock copolymer system. <i>Europhysics Letters</i> , 1996, 36, 289-294.	0.7	37
136	Influence of shear on a lamellar triblock copolymer near the order-disorder transition. <i>Journal of Rheology</i> , 1997, 41, 1147-1171.	1.3	37
137	Packing states of multilamellar vesicles in a nonionic surfactant system. <i>Physical Chemistry Chemical Physics</i> , 2001, 3, 1310-1316.	1.3	37
138	Stretching-Induced Correlations in Triblock Copolymer Gels As Observed by Small-Angle Neutron Scattering. <i>Macromolecules</i> , 1995, 28, 8699-8701.	2.2	36
139	SANS study of surfactant ordering in $\lambda$ -carrageenan/cetylpyridinium chloride complexes. <i>Polymer</i> , 2001, 42, 2907-2913.	1.8	36
140	A novel lyotropic liquid crystal formed by triphilic star-polyphiles: hydrophilic/oleophilic/fluorophilic rods arranged in a 12.6.4. tiling. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 3139-3152.	1.3	36
141	Cross-Linked Amylose Bio-Plastic: A Transgenic-Based Compostable Plastic Alternative. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2075.	1.8	36
142	Threading-Unthreading Transition of Linear-Ring Polymer Blends in Extensional Flow. <i>ACS Macro Letters</i> , 2020, 9, 1452-1457.	2.3	36
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