Kell Mortensen

List of Publications by Year
in descending order

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380 papers	19,087 citations	10388 72 h-index	16180 124 g-index
390 all docs	390 docs citations	390 times ranked	11129 citing authors

#	Article	IF	Citations
1	Polyisoprene-Polystyrene Diblock Copolymer Phase Diagram near the Order-Disorder Transition. Macromolecules, 1995, 28, 8796-8806.	4.8	965
2	Structural study on the micelle formation of poly(ethylene oxide)-poly(propylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 Td (oxide)-p	4.8	679
3	The properties of five highly conducting salts: (TMTSF)2X, X = PF6-, AsF6-, SbF6-, BF4- and NO3-, derived from tetramethyltetraselenafulvalene (TMTSF). Solid State Communications, 1980, 33, 1119-1125.	1.9	618
4	Direct observation of magnetic flux lattice melting and decomposition in the high-Tc superconductor Bi2.15Sr1.95CaCu2O8+x. Nature, 1993, 365, 407-411.	27.8	458
5	Analytical treatment of the resolution function for small-angle scattering. Journal of Applied Crystallography, 1990, 23, 321-333.	4.5	419
6	Fluctuations, conformational asymmetry and block copolymer phase behaviour. Faraday Discussions, 1994, 98, 7-18.	3.2	399
7	The Molecular Characteristics of Poly(propyleneimine) Dendrimers As Studied with Small-Angle Neutron Scattering, Viscosimetry, and Molecular Dynamics. Macromolecules, 1998, 31, 456-461.	4.8	369
8	Structural studies of aqueous solutions of PEO - PPO - PEO triblock copolymers, their micellar aggregates and mesophases; a small-angle neutron scattering study. Journal of Physics Condensed Matter, 1996, 8, A103-A124.	1.8	304
9	Polymeric Bicontinuous Microemulsions. Physical Review Letters, 1997, 79, 849-852.	7.8	300
10	Poly(ethylene oxide)-poly(propylene oxide)-poly(ethylene oxide) triblock copolymers in aqueous solution. The influence of relative block size. Macromolecules, 1993, 26, 4128-4135.	4.8	280
11	Hexagonal mesophases between lamellae and cylinders in a diblock copolymer melt. Macromolecules, 1993, 26, 5959-5970.	4.8	263
12	Inverse melting transition and evidence of three-dimensional cubatic structure in a block-copolymer micellar system. Physical Review Letters, 1992, 68, 2340-2343.	7.8	262
13	Epitaxial Relationship for Hexagonal-to-Cubic Phase Transition in a Book Copolymer Mixture. Physical Review Letters, 1994, 73, 86-89.	7.8	254
14	Phase Behavior of Poly(propylene oxide)-Poly(ethylene oxide)-Poly(propylene oxide) Triblock Copolymer Melt and Aqueous Solutions. Macromolecules, 1994, 27, 5654-5666.	4.8	235
15	Cryo-TEM and SANS Microstructural Study of Pluronic Polymer Solutions. Macromolecules, 1995, 28, 8829-8834.	4.8	225
16	Transformations to and from the Gyroid Phase in a Diblock Copolymer. Macromolecules, 1998, 31, 5702-5716.	4.8	216
17	Interaction of ABA Block Copolymers with Ionic Surfactants: Influence on Micellization and Gelation. The Journal of Physical Chemistry, 1995, 99, 4866-4874.	2.9	196
18	Order and Disorder in Symmetric Diblock Copolymer Melts. Macromolecules, 1995, 28, 1429-1443.	4.8	193

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19	Phase Behavior of Pure Diblocks and Binary Diblock Blends of Poly(ethylene)â^'Poly(ethylethylene). Macromolecules, 1996, 29, 1204-1215.	4.8	193
20	Phase Behavior of Polystyreneâ^'Poly(2-vinylpyridine) Diblock Copolymers. Macromolecules, 1996, 29, 2857-2867.	4.8	182
21	Epitaxial growth and shearing of the body centered cubic phase in diblock copolymer melts. Journal of Rheology, 1994, 38, 999-1027.	2.6	174
22	Structural evidence for a two-step process in the depinning of the superconducting flux-line lattice. Nature, 1995, 376, 753-755.	27.8	172
23	Polymer Aggregates with Crystalline Cores:â€‰ The System Polyethyleneâ^'Poly(ethylenepropylene). Macromolecules, 1997, 30, 1053-1068.	4.8	172
24	Antiferromagnetic Ordering in the Organic Conductorbis-Tetramethyltetraselenafulvalene-Hexafluorophosphate [(TMTSF)2-PF6]. Physical Review Letters, 1981, 46, 1234-1237.	7.8	170
25	Can a single function for Ï‡ account for block copolymer and homopolymer blend phase behavior?. Journal of Chemical Physics, 1998, 108, 2989-3000.	3.0	166
26	Comparative degradation study of carbon supported proton exchange membrane fuel cell electrocatalysts â€“ The influence of the platinum to carbon ratio on the degradation rate. Journal of Power Sources, 2014, 261, 14-22.	7.8	163
27	Multiple ordered phases in a block copolymer melt. Macromolecules, 1992, 25, 1743-1751.	4.8	161
28	Phase Behaviour of Poly(ethylene oxide)-Poly(propylene oxide)-Poly(ethylene oxide) Triblock-Copolymer Dissolved in Water. Europhysics Letters, 1992, 19, 599-604.	2.0	155
29	Neutron Diffraction Studies of Flowing and Pinned Magnetic Flux Lattices in2Hâ^'NbSe2. Physical Review Letters, 1994, 73, 2748-2751.	7.8	147
30	Complex Phase Behavior in Solvent-Free Nonionic Surfactants. Science, 1996, 271, 976-978.	12.6	145
31	Microscopic coexistence of magnetism and superconductivity in ErNi2B2C. Nature, 1996, 382, 236-238.	27.8	137
32	Antiferromagnetism in the organic conductor bis-tetramethyltetraselenafulvalene hexafluoroarsenate [(TMTSF)2AsF6]: Static magnetic susceptibility. Physical Review B, 1982, 25, 3319-3325.	3.2	133
33	Compound refractive optics for the imaging and focusing of low-energy neutrons. Nature, 1998, 391, 563-566.	27.8	132
34	Mean-field and Ising critical behavior of a polymer blend. Physical Review Letters, 1987, 58, 1544-1546.	7.8	129
35	Observation of a Field-Driven Structural Phase Transition in the Flux Line Lattice inErNi2B2C. Physical Review Letters, 1997, 78, 1968-1971.	7.8	128
36	Elliptical Structure of Phospholipid Bilayer Nanodiscs Encapsulated by Scaffold Proteins: Casting the Roles of the Lipids and the Protein. Journal of the American Chemical Society, 2010, 132, 13713-13722.	13.7	117

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37	Isotropic Lifshitz Behavior in Block Copolymer-Homopolymer Blends. Physical Review Letters, 1995, 75, 4429-4432.	7.8	112
38	Effects of PEOâ^'PPO Diblock Impurities on the Cubic Structure of Aqueous PEOâ^'PPOâ^'PEO Pluronics Micelles:â€‰ fcc and bcc Ordered Structures in F127. Macromolecules, 2008, 41, 1720-1727.	4.8	109
39	Structural properties of a phosphatidylcholine-cholesterol system as studied by small-angle neutron scattering: ripple structure and phase diagram. Biochimica Et Biophysica Acta - Biomembranes, 1988, 945, 221-245.	2.6	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. Macromolecules, 1993, 26, 5587-5591.	4.8	105
41	Structure and Correlations of the Flux Line Lattice in Crystalline Nb through the Peak Effect. Physical Review Letters, 1998, 80, 833-836.	7.8	97
42	PEO-related block copolymer surfactants. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2001, 183-185, 277-292.	4.7	94
43	Structural properties of self-assembled polymeric aggregates in aqueous solutions. Polymers for Advanced Technologies, 2001, 12, 2-22.	3.2	94
44	Structure of PSâ^'PEO Diblock Copolymers in Solution and the Bulk State Probed Using Dynamic Light-Scattering and Small-Angle Neutron-Scattering and Dynamic Mechanical Measurements. Langmuir, 1997, 13, 3635-3645.	3.5	93
45	Small-angle neutron scattering from multilamellar lipid bilayers: Theory, model, and experiment. Physical Review E, 1996, 53, 5169-5180.	2.1	92
46	Synthesis, Characterization, and Structural Investigations of Poly(ethyl acrylate)-l-polyisobutylene Bicomponent Conetwork. Macromolecules, 2001, 34, 1579-1585.	4.8	91
47	Recent advances in X-ray compatible microfluidics for applications in soft materials and life sciences. Lab on A Chip, 2016, 16, 4263-4295.	6.0	91
48	Order, disorder, and fluctuation effects in an asymmetric poly(ethyleneâ€propylene)â€poly(ethylethylene) diblock copolymer. Journal of Chemical Physics, 1992, 96, 9122-9132.	3.0	90
49	Structural Stability of the Square Flux Line Lattice inYNI2B2CandLuNi2B2CStudied with Small Angle Neutron Scattering. Physical Review Letters, 1997, 79, 487-490.	7.8	90
50	Influence of Alcohol on the Behavior of Sodium Dodecylsulfate Micelles. Journal of Colloid and Interface Science, 1998, 203, 328-334.	9.4	90
51	Polymorphism, microstructure and rheology of butter. Effects of cream heat treatment. Food Chemistry, 2012, 135, 1730-1739.	8.2	89
52	Intermolecular Interactions between Dendrimer Molecules in Solution Studied by Small-Angle Neutron Scattering. Macromolecules, 1998, 31, 1621-1626.	4.8	88
53	Reversible Thermal Gelation in Soft Spheres. Physical Review Letters, 2000, 85, 4072-4075.	7.8	87
54	The Effect of Medium Chain Length Alcohols on the Micellar Properties of Sodium Dodecyl Sulfate in Sodium Chloride Solutions. Journal of Colloid and Interface Science, 1994, 164, 163-167.	9.4	86

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55	Transport properties of some derivatives of tetrathiafulvalene-tetracyano-p-quinodimethane (TTF-TCNQ). Physical Review B, 1978, 18, 905-921.	3.2	85
56	Shear-Induced Transition of Originally Undisturbed Lamellar Phase to Vesicle Phaseâ€. Langmuir, 2000, 16, 8653-8663.	3.5	84
57	Anomalous swelling of multilamellar lipid bilayers in the transition region by renormalization of curvature elasticity. Physical Review Letters, 1994, 72, 3911-3914.	7.8	83
58	Phase Behavior, Microstructure, and Dynamics in a Nonionic Microemulsion on Addition of Hydrophobically End-Capped Poly(ethylene oxide). Langmuir, 1997, 13, 4204-4218.	3.5	81
59	Structural properties of self-assembled polymeric micelles. Current Opinion in Colloid and Interface Science, 1998, 3, 12-19.	7.4	81
60	Intertwined symmetry of the magnetic modulation and the flux-line lattice in the superconducting state of TmNi2B2C. Nature, 1998, 393, 242-245.	27.8	81
61	Influence of Shear on the Hexagonal-to-Disorder Transition in a Diblock Copolymer Melt. Macromolecules, 1994, 27, 5934-5936.	4.8	80
62	Variable Shear-Induced Orientation of a Diblock Copolymer Hexagonal Phase. Macromolecules, 1995, 28, 3008-3011.	4.8	80
63	Structure of RecA-DNA complexes studied by combination of linear dichroism and small-angle neutron scattering measurements on flow-oriented samples. Journal of Molecular Biology, 1992, 226, 1175-1191.	4.2	79
64	Cubic Phase in a Connected Micellar Network of Poly(propylene oxide)â^'Poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 Td (ox	4.8	78
65	Behavior of Ionically Charged Lamellar Systems under the Influence of a Shear Field. Journal of Physical Chemistry B, 1999, 103, 1605-1617.	2.6	77
66	Structure of casein micelles studied by small-angle neutron scattering. European Biophysics Journal, 1996, 24, 143.	2.2	76
67	Nonionic Amphiphilic Bilayer Structures under Shear. Langmuir, 2001, 17, 999-1008.	3.5	76
68	Shear-Induced Morphologies of Cubic Ordered Block Copolymer Micellar Networks Studied by in Situ Small-Angle Neutron Scattering and Rheology. Macromolecules, 2002, 35, 7773-7781.	4.8	76
69	Investigation of the phase diagram and critical fluctuations of the system polyvenylmethylether and dâ€polystyrene with neutron small angle scattering. Journal of Chemical Physics, 1987, 87, 6078-6087.	3.0	75
70	Molecular Characterization of the Interaction between siRNA and PAMAM G7 Dendrimers by SAXS, ITC, and Molecular Dynamics Simulations. Biomacromolecules, 2010, 11, 3571-3577.	5.4	75
71	Anomalous magnetoresistance in an organic conductor: (TMTSF)2PF6. Solid State Communications, 1981, 38, 423-428.	1.9	74
72	Small-Angle X-ray and Neutron Scattering from Bulk and Oriented Triblock Copolymer Gels. Macromolecules, 1995, 28, 2054-2062.	4.8	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. Physical Review Letters, 1996, 77, 3153-3156.	7.8	72
74	Microstructure in a Ternary Microemulsion Studied by Small Angle Neutron Scattering. Langmuir, 1997, 13, 1413-1421.	3.5	72
75	A SANS Investigation of Reverse (Water-in-Oil) Micelles of Amphiphilic Block Copolymers. Macromolecules, 1999, 32, 6725-6733.	4.8	72
76	The Effective Factors on the Structure of Butter and Other Milk Fatâ€Based Products. Comprehensive Reviews in Food Science and Food Safety, 2013, 12, 468-482.	11.7	71
77	The effect of cholesterol in small amounts on lipid-bilayer softness in the region of the main phase transition. European Biophysics Journal, 1997, 25, 293-304.	2.2	70
78	The particle proximity effect: from model to high surface area fuel cell catalysts. RSC Advances, 2014, 4, 14971.	3.6	70
79	Pseudocritical Behavior and Unbinding of Phospholipid Bilayers. Physical Review Letters, 1995, 75, 3958-3961.	7.8	68
80	McXtrace: a Monte Carlo software package for simulating X-ray optics, beamlines and experiments. Journal of Applied Crystallography, 2013, 46, 679-696.	4.5	68
81	Neutron diffraction from the vortex lattice in the heavy-fermion superconductorUPt3. Physical Review Letters, 1992, 69, 3120-3123.	7.8	67
82	Structural development of silica gels aged in TEOS. Journal of Non-Crystalline Solids, 1998, 231, 10-16.	3.1	65
83	Self-assembling peptides form nanodiscs that stabilize membrane proteins. Soft Matter, 2014, 10, 738-752.	2.7	65
84	Order, Disorder, and Composition Fluctuation Effects in Low Molar Mass Hydrocarbonâ^'Poly(dimethylsiloxane) Diblock Copolymers. Macromolecules, 1996, 29, 5940-5947.	4.8	64
85	Pt based PEMFC catalysts prepared from colloidal particle suspensions â€“ a toolbox for model studies. Physical Chemistry Chemical Physics, 2013, 15, 3602.	2.8	64
86	Plant-crafted starches for bioplastics production. Carbohydrate Polymers, 2016, 152, 398-408.	10.2	64
87	An unusual metal-insulator transition: bis(tetramethyltetraselenafulvalenium)-perrhenate (TMTSF2ReO4). Journal of Physics C: Solid State Physics, 1982, 15, 2651-2663.	1.5	63
88	Systematic Studies of the Square-Hexagonal Flux Line Lattice Transition inLu(Ni1â^'xCox)2B2C: The Role of Nonlocality. Physical Review Letters, 1999, 82, 4082-4085.	7.8	62
89	Structural evolution of bicontinuous microemulsions. The Journal of Physical Chemistry, 1991, 95, 7427-7432.	2.9	61
90	SANS-II at SINQ: installation of the former RisÃ¸-SANS facility. Physica B: Condensed Matter, 2004, 350, E783-E786.	2.7	61

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91	WillItFit: a framework for fitting of constrained models to small-angle scattering data. Journal of Applied Crystallography, 2013, 46, 1894-1898.	4.5	61
92	Molecular Structure Characterization of Hyperbranched Polyesteramides. Macromolecules, 2001, 34, 3552-3558.	4.8	60
93	Effect of shear on cubic phases in gels of a diblock copolymer. Journal of Chemical Physics, 1998, 108, 6929-6936.	3.0	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.	3.4	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.	9.4	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.	4.8	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.	4.7	57
99	Physical properties and the Peierls instability ofLi0.82[Pt(S2C2(CN)2)2] Â· 2H2O. Physical Review B, 1984, 29, 4796-4799.	3.2	55
100	Structural Studies of Thermoplastic Triblock Copolymer Gels. Macromolecules, 1994, 27, 2345-2347.	4.8	53
101	Behavior of a Charged Vesicle System under the Influence of a Shear Gradient:Â A Microstructural Study. Journal of Physical Chemistry B, 1998, 102, 2837-2840.	2.6	53
102	Micellar Structures of Hydrophilic/Lipophilic and Hydrophilic/Fluorophilic Poly(2â€oxazoline) Diblock Copolymers in Water. Macromolecular Chemistry and Physics, 2008, 209, 2248-2258.	2.2	53
103	New sources and instrumentation for neutrons in biology. Chemical Physics, 2008, 345, 133-151.	1.9	53
104	Temperature Dependence of the Flux Line Lattice Transition into Square Symmetry in SuperconductingLuNi2B2C. Physical Review Letters, 2001, 86, 5148-5151.	7.8	52
105	On the Crossover from Ising to Mean-Field Behaviour in Compatible Binary-Polymer Blends. Europhysics Letters, 1993, 22, 577-583.	2.0	50
106	Pressure-induced melting of micellar crystal. Physical Review Letters, 1993, 71, 1728-1731.	7.8	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 ofcis-Polyacetylene Doped with AsF5. Physical Review Letters, 1980, 45, 490-493.	7.8	49

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109	Effect of planar extension on the structure and mechanical properties of polystyreneâ€“poly(ethylene-) Tj ETQq1 1 0.784314 rgBT /Over	3.8	49
110	Micro- vs. macro-phase separation in binary blends of poly(styrene)-poly(isoprene) and poly(isoprene)-poly(ethylene oxide) diblock copolymers. Europhysics Letters, 2001, 53, 680-686.	2.0	49
111	Lamellar Mesophase of Poly(ethylene oxide)-poly(propylene oxide)-poly(ethylene oxide) Melts and Water-Swollen Mixtures. Macromolecules, 1995, 28, 1458-1463.	4.8	48
112	Composition Fluctuations and Coil Conformation in a Poly(ethyleneâ^'propylene)â^'Poly(ethylethylene) Diblock Copolymer as a Function of Temperature and Pressure. Macromolecules, 1996, 29, 3263-3271.	4.8	48
113	Magnetic phase diagram of MnSi. Journal of Magnetism and Magnetic Materials, 1995, 140-144, 119-120.	2.3	47
114	Structural studies of lamellar surfactant systems under shear. Current Opinion in Colloid and Interface Science, 2001, 6, 140-145.	7.4	46
115	Fractal dimension of humic acids. European Biophysics Journal, 1992, 21, 163.	2.2	45
116	Thermal composition fluctuations near the isotropic Lifshitz critical point in a ternary mixture of a homopolymer blend and diblock copolymer. Journal of Chemical Physics, 2000, 112, 5454-5472.	3.0	45
117	Thermopower studies of a series of salts of tetramethyltetrathiafulvalene [(TMTTF)2X,X=Br,ÂClO4,ÂNO3,ÂSCN,ÂBF4,ÂAsF6,ÂandÂPF6]. Physical Review B, 1983, 28, 5856-5862.	3.2	43
118	A SANS investigation on absolute scale of a homologous series of base-catalysed silica aerogels. Journal of Non-Crystalline Solids, 1992, 145, 128-132.	3.1	42
119	Small angle neutron scattering study of the magnetic flux-line lattice in single crystal 2H-NbSe2. Physical Review Letters, 1994, 72, 278-281.	7.8	42
120	Micro- and Macrostructural Studies of Sodium Deoxycholate Micellar Complexes in Aqueous Solutions. Langmuir, 1996, 12, 6188-6196.	3.5	42
121	Structure of randomly crosslinked poly(dimethylsiloxane) networks produced by electron irradiation. Macromolecules, 1993, 26, 5350-5364.	4.8	40
122	Shear-induced ordering kinetics of a triblock copolymer melt. Journal of Chemical Physics, 1998, 108, 326-333.	3.0	40
123	Crossover from 3D Ising to Isotropic Lifshitz Critical Behavior in a Mixture of a Homopolymer Blend and Diblock Copolymer. Physical Review Letters, 1999, 82, 5056-5059.	7.8	40
124	Environmental stress cracking resistance. Behaviour of polycarbonate in different chemicals by determination of the time-dependence of stress at constant strains. Polymer Degradation and Stability, 2003, 82, 451-461.	5.8	40
125	Effect of cream cooling rate and water content on butter microstructure during four weeks of storage. Food Hydrocolloids, 2014, 34, 169-176.	10.7	40
126	Neutron scattering from a series of compatible polymer blends: Significance of the Flory Ï‡F parameter. Journal of Chemical Physics, 1987, 87, 6144-6149.	3.0	39

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127	Structureâ^'Property Relations in Dendritic Polyelectrolyte Solutions at Different Ionic Strength. Macromolecules, 2002, 35, 827-833.	4.8	39
128	Correlation between Morphology, Water Uptake, and Proton Conductivity in Radiationâ€Grafted Protonâ€Exchange Membranes. Macromolecular Chemistry and Physics, 2010, 211, 635-643.	2.2	39
129	Design of an Injectable in Situ Gelation Biomaterials for Vitreous Substitute. Biomacromolecules, 2011, 12, 4011-4021.	5.4	39
130	Crossover from mean field to three-dimensional Ising critical behavior in a three-component microemulsion system. Physical Review E, 1996, 54, 629-633.	2.1	38
131	Mesoscopic Crystallography:Â A Small-Angle Neutron Scattering Study of the Body-Centered Cubic Micellar Structure Formed in a Block Copolymer Gel. Macromolecules, 1998, 31, 6958-6963.	4.8	38
132	Dibenzo-TTF-dichloro-TCNQ: a quasi-one-dimensional magnetic semiconductor. Journal of Physics C: Solid State Physics, 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. Journal of Molecular Biology, 1990, 216, 223-228.	4.2	37
134	Evidence for Elongation of the Helical Pitch of the RecA Filament Upon ATP and ADP Binding Using Small-Angle Neutron Scattering. FEBS Journal, 1995, 233, 579-583.	0.2	37
135	Identification of an intermediate-segregation regime in a diblock copolymer system. Europhysics Letters, 1996, 36, 289-294.	2.0	37
136	Influence of shear on a lamellar triblock copolymer near the orderâ€"disorder transition. Journal of Rheology, 1997, 41, 1147-1171.	2.6	37
137	Packing states of multilamellar vesicles in a nonionic surfactant system. Physical Chemistry Chemical Physics, 2001, 3, 1310-1316.	2.8	37
138	Stretching-Induced Correlations in Triblock Copolymer Gels As Observed by Small-Angle Neutron Scattering. Macromolecules, 1995, 28, 8699-8701.	4.8	36
139	SANS study of surfactant ordering in Î°-carrageenan/cetylpyridinium chloride complexes. Polymer, 2001, 42, 2907-2913.	3.8	36
140	A novel lyotropic liquid crystal formed by triphilic star-polyphiles: hydrophilic/oleophilic/fluorophilic rods arranged in a 12.6.4. tiling. Physical Chemistry Chemical Physics, 2011, 13, 3139-3152.	2.8	36
141	Cross-Linked Amylose Bio-Plastic: A Transgenic-Based Compostable Plastic Alternative. International Journal of Molecular Sciences, 2017, 18, 2075.	4.1	36
142	Threadingâ€"Unthreading Transition of Linear-Ring Polymer Blends in Extensional Flow. ACS Macro Letters, 2020, 9, 1452-1457.	4.8	36
143	Comparison of correlation lengths in semidilute polystyrene solutions in good solvents by quasi-elastic light scattering and small-angle neutron scattering. Macromolecules, 1988, 21, 420-425.	4.8	35
144	Structural characterization of radiationâ€grafted block copolymer films, using SANS technique. Journal of Polymer Science, Part B: Polymer Physics, 2008, 46, 1660-1668.	2.1	35

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145	Abnormal Pressure Dependence of the Phase Boundaries in PEEâ˜PDMS and PEPâ˜PDMS Binary Homopolymer Blends and Diblock Copolymers. Macromolecules, 2001, 34, 1694-1706.	4.8	34
146	Stress and neutron scattering measurements on linear polymer melts undergoing steady elongational flow. Rheologica Acta, 2012, 51, 385-394.	2.4	34
147	The effect of using binary mixtures of zwitterionic and charged lipids on nanodisc formation and stability. Soft Matter, 2013, 9, 2329.	2.7	34
148	Anisotropic thermopower of (TMTSF)2PF6: 1Dâ€“2D cross over and SDW ordering. Solid State Communications, 1982, 44, 643-647.	1.9	33
149	Complex layered phases in asymmetric diblock copolymers. Journal De Physique II, 1994, 4, 2161-2186.	0.9	33
150	Small-angle neutron scattering studies on phase behavior of block copolymers. Journal of Physics and Chemistry of Solids, 1999, 60, 1307-1312.	4.0	33
151	Mesophase Behavior of Aqueous Micellar Solutions of Triblock Copolymers of Ethylene Oxide and 1,2-Butylene Oxide (Type EmBnEm). Langmuir, 2003, 19, 1075-1081.	3.5	33
152	A High-Temperature Cubic Morphology in Triblock Copolymer Gels. Macromolecules, 1997, 30, 7008-7011.	4.8	32
153	Shear-Induced Single Crystalline Mesophases in Physical Networks of Gel-Forming Triblock Copolymer Solutions. Macromolecules, 1997, 30, 7012-7014.	4.8	32
154	End Effects in Poly(styrene)/Poly(ethylene oxide) Copolymers. Macromolecules, 2001, 34, 1096-1104.	4.8	32
155	Analysing the nanoporous structure of aramid fibres. Journal of Applied Crystallography, 2010, 43, 837-849.	4.5	31
156	Structural transitions induced by shear flow and temperature variation in a nonionic surfactant/water system. Journal of Colloid and Interface Science, 2012, 372, 32-39.	9.4	31
157	All-natural bio-plastics using starch-betaglucan composites. Carbohydrate Polymers, 2017, 172, 237-245.	10.2	31
158	Effects of Magnetic Order on the Superconducting Length Scales and Critical Fields in Single CrystalErNi2B2C. Physical Review Letters, 1999, 82, 1756-1759.	7.8	29
159	Blends of AB/BC Diblock Copolymers with a Large Interaction Parameter Ï‡. Macromolecules, 2001, 34, 4907-4916.	4.8	29
160	PEO-PPO-PEO block polymer in aqueous solution: Micelle formation and crystallization. , 1993, , 69-71.		28
161	Microphase Separation of a Symmetric Poly(styrene-b-paramethylstyrene) Diblock Copolymer. Europhysics Letters, 1994, 27, 371-376.	2.0	28
162	Interfacial Modification as a Route to Novel Bilayered Morphologies in Binary Block Copolymer/Homopolymer Blends. Macromolecules, 1998, 31, 4975-4985.	4.8	28

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163	Flux Line Lattice Reorientation in the Borocarbide Superconductors withHâˆ¥a. Physical Review Letters, 2001, 86, 320-323.	7.8	28
164	Influence of Extensional Stress Overshoot on Crystallization of LDPE. Macromolecules, 2017, 50, 1134-1140.	4.8	28
165	Chemistry and Electrocrystallization of Organic Metals and Superconductors. Molecular Crystals and Liquid Crystals, 1982, 79, 371-380.	0.8	27
166	Small Angle Neutron Scattering Studies of the Vortex Lattice in theUPt3Mixed State: Direct Structural Evidence for theBâ†'CTransition. Physical Review Letters, 1997, 78, 3185-3188.	7.8	27
167	Small-Angle Scattering Study of TAC8:Â A Surfactant with Cation Complexing Potential. Langmuir, 1997, 13, 1887-1896.	3.5	27
168	Investigating the activity enhancement on PtxCo1â^'x alloys induced by a combined strain and ligand effect. Journal of Power Sources, 2014, 245, 908-914.	7.8	27
169	Ginzburg criterion for the mean-field to three-dimensional Ising crossover in polymer blends. Physical Review E, 1995, 52, R1288-R1291.	2.1	26
170	Direct monitoring of calcium-triggered phase transitions in cubosomes using small-angle X-ray scattering combined with microfluidics. Journal of Applied Crystallography, 2016, 49, 2005-2014.	4.5	26
171	Structural Study of Four-Armed Amphiphilic Star-Block Copolymers: Pristine and End-Linked Tetronic T1307. ACS Macro Letters, 2016, 5, 224-228.	4.8	26
172	Rheological Link Between Polymer Melts with a High Molecular Weight Tail and Enhanced Formation of Shish-Kebabs. ACS Macro Letters, 2017, 6, 1268-1273.	4.8	26
173	Temperature-dependent restructuring of fractal humic acids: A proton-dependent process. Environment International, 1994, 20, 77-80.	10.0	25
174	Shear devices for in situ structural studies of block-copolymer melts and solutions. Physica B: Condensed Matter, 1995, 213-214, 682-684.	2.7	25
175	Solutes in small amounts provide for lipid-bilayer softness: cholesterol, short-chain lipids, and bola lipids. European Biophysics Journal, 1996, 25, 61-65.	2.2	25
176	Multi-lamellar vesicle formation in a long-chain nonionic surfactant: C16E4/D2O system. Journal of Colloid and Interface Science, 2011, 362, 1-4.	9.4	25
177	Rheochaos and flow instability phenomena in a nonionic lamellar phase. Soft Matter, 2013, 9, 1133-1140.	2.7	25
178	Anisotropic thermopower of the organic metal, Î²-(BEDT-TTF)2I3. Solid State Communications, 1985, 56, 105-110.	1.9	24
179	Structural Properties of Bulk and Aqueous Systems of PEOâ^'PIBâ^'PEO Triblock Copolymers As Studied by Small-Angle Neutron Scattering and Cryo-Transmission Electron Microscopy. Macromolecules, 1997, 30, 6764-6770.	4.8	24
180	Virtual experiments: the ultimate aim of neutron ray-tracing simulations. Journal of Neutron Research, 2008, 16, 97-111.	1.1	24

#	Article	IF	Citations
181	Effect of churning temperature on water content, rheology, microstructure and stability of butter during four weeks of storage. Food Structure, 2014, 2, 14-26.	4.5	24
182	Influence of diurnal photosynthetic activity on the morphology, structure, and thermal properties of normal and waxy barley starch. International Journal of Biological Macromolecules, 2017, 98, 188-200.	7.5	24
183	Highly Anisotropic Glassy Polystyrenes Are Flexible. ACS Macro Letters, 2018, 7, 1126-1130.	4.8	24
184	Coil and Melt Compressibility of Polymer Blends Studied by SANS and pVT Experiments. Macromolecules, 1995, 28, 2555-2560.	4.8	23
185	Direct observation of humic acid clusters, a nonequilibrium system with a fractal structure. Die Naturwissenschaften, 1995, 82, 137-139.	1.6	23
186	Influence of surfactant on the gelation of novel ethylene glycol esters of silicic acid. Zeitschrift Fur Elektrotechnik Und Elektrochemie, 1998, 102, 1544-1547.	0.9	23
187	Ordering fluctuations in a shear-banding wormlike micellar system. Physical Chemistry Chemical Physics, 2010, 12, 8856.	2.8	23
188	Structure and enzymatic accessibility of leaf and stem from wheat straw before and after hydrothermal pretreatment. Biotechnology for Biofuels, 2014, 7, 74.	6.2	23
189	From single crystal model catalysts to systematic studies of supported nanoparticles. Surface Science, 2015, 631, 278-284.	1.9	23
190	The nature of ancient Egyptian copper-containing carbon inks is revealed by synchrotron radiation based X-ray microscopy. Scientific Reports, 2017, 7, 15346.	3.3	23
191	Direct monitoring of lipid transfer on exposure of citrem nanoparticles to an ethanol solution containing soybean phospholipids by combining synchrotron SAXS with microfluidics. Analyst, The, 2017, 142, 3118-3126.	3.5	23
192	Insights into the composition of ancient Egyptian red and black inks on papyri achieved by synchrotron-based microanalyses. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 27825-27835.	7.1	23
193	Spatial arrangement of Ïƒ-factor and core enzyme of Escherichia coli RNA polymerase. Journal of Molecular Biology, 1991, 219, 747-755.	4.2	22
194	From Micelles to Randomly Connected, Bilayered Membranes in Dilute Block Copolymer Blends. Langmuir, 1997, 13, 2177-2180.	3.5	22
195	Towards biomimics of cell membranes: Structural effect of phosphatidylinositol triphosphate (PIP3) on a lipid bilayer. Colloids and Surfaces B: Biointerfaces, 2019, 173, 202-209.	5.0	22
196	Direct Measurement of Chain Stretching in Diblock Copolymers at the Microphase Separation Transition. Europhysics Letters, 1995, 31, 81-86.	2.0	21
197	First observation of an ordered microphase in melts of poly(oxyethylene)â€“poly(oxypropylene) block copolymers. Physical Chemistry Chemical Physics, 2000, 2, 1503-1507.	2.8	21
198	Relaxation of Shear-Aligned Wormlike Micelles. Journal of Physical Chemistry B, 2002, 106, 2426-2428.	2.6	21

#	Article	IF	Citations
199	Perforated Lamellae Morphology in Novel P2VP(PDMS-b-PI-b-PS)₂ 3-Miktoarm Star Quarterpolymer. Macromolecules, 2011, 44, 575-582.	4.8	21
200	Nano-scale morphology in graft copolymer proton-exchange membranes cross-linked with DIPB. Journal of Membrane Science, 2011, 383, 50-59.	8.2	21
201	Screening lengths in concentrated polystyrene solutions in toluene determined using small-angle neutron and small angle x-ray scattering. Macromolecules, 1992, 25, 6904-6908.	4.8	20
202	A Nonionic Microemulsion with Adsorbing Polyelectrolyte. Langmuir, 1997, 13, 5820-5829.	3.5	20
203	Phase behavior of binary blends of symmetric polystyrene-polybutadiene diblock copolymers studied using SANS. European Physical Journal B, 1998, 4, 325-332.	1.5	20
204	Neutron-scattering studies of a polymer electrolyte, PPOÃ¢Â€Â“LiClO4. Solid State Ionics, 1998, 113-115, 139-147.	2.7	20
205	Difference between active and inactive nucleotide cofactors in the effect on the DNA binding and the helical structure of RecA filament. Dissociation of RecA–DNA complex by inactive nucleotides. FEBS Journal, 1999, 262, 88-94.	0.2	20
206	The Effect of Capacity, Rotational Speed and Storage on Crystallization and Rheological Properties of Puff Pastry Butter. JAOCS, Journal of the American Oil Chemists' Society, 2014, 91, 29-38.	1.9	20
207	Cutting edges and weaving threads in the gene editing (Ð¯)evolution: reconciling scientific progress with legal, ethical, and social concerns. Journal of Law and the Biosciences, 2018, 5, 35-83.	1.6	20
208	Conductivity and thermopower studies of bis-tetramethyltetraselenafulvalenium hexafluorophosphide, bis-tetramethyltetrathiafulvalenium hexafluorophosphide, and their solid solutions,(TMTSF1â^'xTMTTFx)2PF6. Physical Review B, 1984, 29, 842-850.	3.2	19
209	Quantification of the information in small-angle scattering data. Journal of Applied Crystallography, 2014, 47, 2000-2010.	4.5	19
210	Friction Coefficient of Well-Defined Hydrogel Networks. Macromolecules, 2016, 49, 634-642.	4.8	19
211	The growth of fractal humic acids: Cluster correlation and gel formation. Radiation and Environmental Biophysics, 1994, 33, 269-276.	1.4	18
212	Nucleotide Cofactor-Dependent Structural Change of Xenopus laevis Rad51 Protein Filament Detected by Small-Angle Neutron Scattering Measurements in Solution. Biochemistry, 1997, 36, 13524-13529.	2.5	18
213	Highly Swollen Lamellar Phases in the System Calcium Dodecyl Sulfate, Pentanol or Hexanol, and Water. Langmuir, 1998, 14, 2958-2964.	3.5	18
214	Silica reinforced triblock copolymer gels. Polymer, 2004, 45, 1857-1865.	3.8	18
215	Three-dimensional crystallographic determination of the body-centered-cubic morphologies of shear-aligned block copolymer systems. Journal of Polymer Science, Part B: Polymer Physics, 2004, 42, 3095-3101.	2.1	18
216	Aligning Nanodiscs at the Airâ€“Water Interface, a Neutron Reflectivity Study. Langmuir, 2011, 27, 15065-15073.	3.5	18

#	Article	IF	Citations
217	Structure of the ion-rich phase in DVB cross-linked graft-copolymer proton-exchange membranes. Polymer, 2012, 53, 175-182.	3.8	18
218	Characterisation of fractionated skim milk with small-angle X-ray scattering. International Dairy Journal, 2013, 33, 1-9.	3.0	18
219	Microemulsions as Potential Carriers of Nisin: Effect of Composition on Structure and Efficacy. Langmuir, 2016, 32, 8988-8998.	3.5	18
220	Bulk and Surface Morphologies of ABC Miktoarm Star Terpolymers Composed of PDMS, PI, and PMMA Arms. Macromolecules, 2018, 51, 1041-1051.	4.8	18
221	Dibenzotetraselenafulvalene (DBTSF). Synthesis and conducting salts. Journal of the Chemical Society Chemical Communications, 1983, , 295.	2.0	17
222	New Results on Two Synthetic Conductors (TMTSF)2BRO4 and (BEDT-TTF)2I3. Molecular Crystals and Liquid Crystals, 1985, 119, 401-404.	0.8	17
223	Ordering Phenomena in ABA Triblock Copolymer Gels. Journal of Applied Crystallography, 1997, 30, 684-689.	4.5	17
224	Topological transformation of a surfactant bilayer. Physica B: Condensed Matter, 2000, 276-278, 379-380.	2.7	17
225	Shear Instability of a Gyroid Diblock Copolymer. Macromolecules, 2005, 38, 1286-1291.	4.8	17
226	Dynamic Phase Diagram of a Nonionic Surfactant Lamellar Phase. Journal of Physical Chemistry B, 2014, 118, 3622-3629.	2.6	17
227	Transport and EPR studies at ambient pressure in (TMTSF)2-PF6 â€"Pristine and doped with TMTTF. Solid State Communications, 1981, 40, 915-918.	1.9	16
228	The Crystal Structure of 1,6-Dithiapyrene(DTP)-7,7,8,8-Tetracyano-P-Quinodimethane(TCNQ). Molecular Crystals and Liquid Crystals, 1985, 120, 349-352.	0.8	16
229	Structural aspects of suspension poly(vinyl chloride). Small-angle neutron scattering of rigid and plasticized suspension PVC. Macromolecules, 1993, 26, 3205-3211.	4.8	16
230	Block copolymer in aqueous solution: Micelle formation and hard-sphere crystallization. , 1993, , 72-75.		16
231	Interparticle interactions and structure in nonideal solutions of human serum albumin studied by small-angle neutron scattering and Monte Carlo simulation. Biophysical Chemistry, 1994, 52, 131-138.	2.8	16
232	Organicâ€"inorganic nanocomposite gels as an in situ gelation biomaterial for injectable accommodative intraocular lens. Soft Matter, 2012, 8, 7185.	2.7	16
233	Dynamic ultra-high pressure homogenisation of milk casein concentrates: Influence of casein content. Innovative Food Science and Emerging Technologies, 2014, 26, 143-152.	5.6	16
234	Unusual structure-related magnetism in the organic conductor TSF(Ni(dmit)2)3 (tetraselenafulvalenium-tri-(bis-(4,5-dimercapto-1,3-dithiole-2-thione)nickel)-ate). Synthetic Metals, 1986, 15, 333-343.	3.9	15

#	Article	IF	Citations
235	Isotropic and Anisotropic Composition Fluctuations Close to the Order-to-Disorder Transition in an Asymmetric Diblock Copolymer Melt Subjected to Reciprocating Shear Fields. Journal De Physique II, 1996, 6, 617-637.	0.9	15
236	Self-diffusion of an asymmetric diblock copolymer above and below the order-to-disorder transition temperature. Journal of Chemical Physics, 1999, 111, 2789-2796.	3.0	15
237	Lamellar-to-Cubic Phase Change in Phospholipid Bilayer Systems Incorporated with Block Copolymers:â€‰DMPC and PEOâ^'PPOâ^'PEO (P85). Langmuir, 2005, 21, 1766-1775.	3.5	15
238	Synthesis and characterization of ferrocene containing block copolymers. Journal of Polymer Science Part A, 2017, 55, 495-503.	2.3	15
239	Thermal stability of polystyrene-b-poly(ethylene/propylene) diblock copolymer micelles in paraffinic solvents. Polymer, 1989, 30, 2038-2046.	3.8	14
240	Effect of molecular architecture on microstructural characteristics in some polysiloxaneimide multiblock copolymers. Journal of Applied Polymer Science, 1992, 44, 1245-1256.	2.6	14
241	Structure and thermodynamics of nonideal solutions of colloidal particles: Investigation of salt-free solutions of human serum albumin by using small-angle neutron scattering and Monte Carlo simulation. Biophysical Chemistry, 1997, 65, 75-83.	2.8	14
242	Micellar structure of amphiphilic poly(2-oxazoline) diblock copolymers. Journal of Applied Crystallography, 2007, 40, s361-s362.	4.5	14
243	Ptychographic X-ray computed tomography of extended colloidal networks in food emulsions. Food Structure, 2016, 7, 21-28.	4.5	14
244	Shear Melting and Orientation of a Lyotropic Cubic Phase. Journal De Physique II, 1995, 5, 789-801.	0.9	14
245	Polydimethylsiloxane Networks at Equilibrium Swelling:Â Extracted and Nonextracted Networks. Macromolecules, 1996, 29, 809-818.	4.8	13
246	Block-Copolymer Micro-emulsion with Solvent-Induced Segregation. Langmuir, 2007, 23, 2117-2125.	3.5	13
247	The effect of butter grains on physical properties of butter-like emulsions. Journal of Dairy Science, 2014, 97, 1929-1938.	3.4	13
248	Dynamic ultra-high pressure homogenisation of whey protein-depleted milk concentrate. International Dairy Journal, 2015, 46, 12-21.	3.0	13
249	Influence of surface modified nano silica on alkyd binder before and after accelerated weathering. Polymer Degradation and Stability, 2016, 126, 134-143.	5.8	13
250	Dynamics and Structure of Metallo-supramolecular Polymers Based on Short Telechelic Precursors. Macromolecules, 2021, 54, 6400-6416.	4.8	13
251	The properties of five highly conducting salts: (TMTSF)2X,X= Pfâ^'6, AsFâ^'6, SbFâ^'6, BFâ^'4 and NO-3, derived from tetramethyltetraselenafulvalene (TMTSF). Solid State Communications, 1993, 88, 963-969.	1.9	12
252	A small angle neutron scattering study of density fluctuations at nearâ€critical region and a van der Waals model in a threeâ€component microemulsion. Journal of Chemical Physics, 1993, 99, 5512-5519.	3.0	12

#	Article	IF	Citations
253	The bulk dynamics of a compositionally asymmetric diblock copolymer studied using dynamic light scattering. European Physical Journal E, 2000, 1, 275.	1.6	12
254	Nematic effects and strain coupling in entangled polymer melts under strong flow. Physical Review E, 2016, 94, 020502.	2.1	12
255	Stable, metastable and unstable oil-in-water droplets. Progress in Colloid and Polymer Science, 1997, 106, 6-13.	0.5	12
256	Critical Neutron Scattering in a Polymer Blend above and below the Critical Point of Demixing: Critical Exponents and Amplitude Ratios. Physical Review Letters, 1994, 73, 1452-1455.	7.8	11
257	Networks of gel-forming triblock copolymer solutions: In situ SANS and rheological measurements. Physica B: Condensed Matter, 1997, 241-243, 1025-1028.	2.7	11
258	Base Orientation of Second DNA in RecAÂ·DNA Filaments. Journal of Biological Chemistry, 1998, 273, 15682-15686.	3.4	11
259	Unexpected phase behavior of an asymmetric diblock copolymer. Journal of Chemical Physics, 1999, 111, 4319-4326.	3.0	11
260	Structural Studies of Three-Arm Star Block Copolymers Exposed to Extreme Stretch Suggests a Persistent Polymer Tube. Physical Review Letters, 2018, 120, 207801.	7.8	11
261	Flow induced crystallization prevents melt fracture of HDPE in uniaxial extensional flow. Journal of Rheology, 2018, 62, 1051-1060.	2.6	11
262	A Small-Angle Scattering Study of the Bulk Structure of a Symmetric Diblock Copolymer System. Journal De Physique II, 1997, 7, 1829-1854.	0.9	11
263	â€œButterflyâ€•like patterns of triblock copolymer gels as observed by small-angle neutron scattering. Journal of Polymer Science, Part B: Polymer Physics, 1996, 34, 2739-2745.	2.1	10
264	Small-Angle Neutron Scattering Studies of the Phase Behavior and Mesophases of Homopolymers, Block Copolymers and Complex Mixtures. Journal of Applied Crystallography, 1997, 30, 702-707.	4.5	10
265	Non-spherical micelles in an oil-in-water cubic phase. Physical Chemistry Chemical Physics, 2000, 2, 2951-2958.	2.8	10
266	Progress in SANS studies of polymer systems (Panel Discussion). Macromolecular Symposia, 2002, 190, 185-200.	0.7	10
267	Phase Coexistence in a Dynamic Phase Diagram. ChemPhysChem, 2015, 16, 2459-2465.	2.1	10
268	Mechanical characteristics of alkyd binder reinforced by surface modified colloidal nano silica. Progress in Organic Coatings, 2016, 90, 147-153.	3.9	10
269	Stretching PEOâ€“PPO Type of Star Block Copolymer Gels: Rheology and Small-Angle Scattering. ACS Macro Letters, 2018, 7, 1438-1442.	4.8	10
270	Ultrastructural modeling of small angle scattering from photosynthetic membranes. Scientific Reports, 2019, 9, 19405.	3.3	10

#	Article	IF	Citations
271	Physical properties of (TMTSF)2TaF6: Influence of the anion size. Solid State Communications, 1983, 48, 555-559.	1.9	9
272	The H+-induced dissociation of human plasma alpha2-macroglobulin. An investigation using small-angle neutron scattering and test of trypsin binding activity. FEBS Journal, 1990, 191, 41-45.	0.2	9
273	Small-angle neutron-scattering studies of the magnetic phase diagram of MnSi. Physica B: Condensed Matter, 1995, 213-214, 375-377.	2.7	9
274	Change of phase behaviour of diblock copolymers upon application of pressure. Polymer Bulletin, 1996, 36, 103-110.	3.3	9
275	Differences of Interaction Parameter of a PS/PEO homopolymer blend and diblock copolymer in comparison to other systems. Macromolecular Symposia, 2000, 149, 63-68.	0.7	9
276	Reinvestigation of the Block Copolymer Modulated Lamellar Structure. Macromolecules, 2009, 42, 1685-1690.	4.8	9
277	Elastomers with Reversible Nanoporosity. Macromolecules, 2009, 42, 5636-5641.	4.8	9
278	Strain-induced internal fibrillation in looped aramid filaments. Polymer, 2010, 51, 4589-4598.	3.8	9
279	A compact time-of-flight SANS instrument optimised for measurements of small sample volumes at the European Spallation Source. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 764, 133-141.	1.6	9
280	Pressure and Temperature Effects in Homopolymer Blends and Diblock Copolymers. Journal of Applied Crystallography, 1997, 30, 696-701.	4.5	8
281	Small-Angle Scattering Studies of Block Copolymer Micelles, Micellar Mesophases and Networks. , 2000, , 191-220.		8
282	Effect of Phospholipid Composition and Phase on Nanodisc Films at the Solidâ€“Liquid Interface as Studied by Neutron Reflectivity. Langmuir, 2013, 29, 2871-2880.	3.5	8
283	Small Deformation Rheology for Characterization of Anhydrous Milk Fat/Rapeseed Oil Samples. Journal of Texture Studies, 2014, 45, 20-29.	2.5	8
284	Transport properties of the organic conductor (TMTSF)2BrO4: Evidence of variable-range hopping. Synthetic Metals, 1984, 9, 63-69.	3.9	7
285	Synthesis and Properties of Trimethyl-TSF Containing Alloys of the TMTSF₂, Family. Molecular Crystals and Liquid Crystals, 1985, 119, 277-281.	0.8	7
286	Coil Relaxation in Uniaxially Deformed Polymer Melt. Materials Research Society Symposia Proceedings, 1986, 79, 259.	0.1	7
287	Solid-state properties of one-dimensional metals based on bis(oxalato)platinate anions with divalent cations. Physical Review B, 1987, 35, 7835-7846.	3.2	7
288	Kinetics of the urea-induced dissociation of human plasma Î±2-macroglobulin as measured by small-angle neutron scattering. Biochemical Journal, 1991, 278, 325-328.	3.7	7

#	Article	IF	Citations
289	Optimum intensity in small-angle neutron scattering. An experimental comparison between symmetric and asymmetric geometries. Journal of Applied Crystallography, 1994, 27, 330-337.	4.5	7
290	Small-angle X-ray and neutron scattering studies from multiphase polymers. Current Opinion in Solid State and Materials Science, 1997, 2, 653-660.	11.5	7
291	Self-Assembly of Uracilâ˜PAMAM Dendrimer Systems into Domains of Micrometer Length Scale. Macromolecules, 2007, 40, 1779-1781.	4.8	7
292	STRUCTURAL STUDIES OF SOME (TMTSF)₂X COMPOUNDS. Journal De Physique Colloque, 1983, 44, C3-1017-C3-1020.	0.2	7
293	Microphase-separated tapered triblock copolymers. European Physical Journal Special Topics, 1993, 03, C8-59-C8-62.	0.2	6
294	PEO-PPO-PEO triblock copolymer in aqueous solution. Micelle formation and crystallization. European Physical Journal Special Topics, 1993, 03, C8-157-C8-160.	0.2	6
295	SOFT AND REPULSIVE: RELATIONSHIP BETWEEN LIPID MEMBRANE IN-PLANE FLUCTUATIONS, BENDING RIGIDITY, AND REPULSIVE UNDULATION FORCES. Modern Physics Letters B, 1994, 08, 1803-1814.	1.9	6
296	Hysteresis in the field-induced magnetic structure in TmNi2B2C. Physica B: Condensed Matter, 1999, 259-261, 582-583.	2.7	6
297	The influence of the morphology on the dynamics in ordered diblock copolymer melts. Macromolecular Symposia, 2000, 162, 275-290.	0.7	6
298	Structural Changes Induced in the Surfactant System C12E4/Benzyl Alcohol/Water by the Admixture of the Cationic Surfactant Cetylpyridinium Chloride. Journal of Colloid and Interface Science, 2001, 238, 251-258.	9.4	6
299	Collective dynamics and self-diffusion in a diblock copolymer melt in the body-centered cubic phase. European Physical Journal E, 2004, 15, 359-70.	1.6	6
300	On the morphological behavior of ABC miktoarm stars containing poly(cis 1,4â€isoprene), poly(styrene), and poly(2â€vinylpyridine). Journal of Polymer Science, Part B: Polymer Physics, 2018, 56, 1491-1504.	2.1	6
301	Mechanisms of crystallisation in polysorbates and sorbitan esters. CrystEngComm, 2020, 22, 3840-3853.	2.6	6
302	Regular Properties and Anomalous Behaviour Of Conducting M0. B [Pt(C2O4)2] 6H2O, M-OP(M=Ni, Co,) Tj ETQq0 0 0 rgBT /Overlock 1	0.8	5
303	Conducting Metal Dithiolate Complexes. Molecular Crystals and Liquid Crystals, 1985, 120, 369-376.	0.8	5
304	Contrast variation studies of clathrin coated vesicles by small-angle neutron scattering. European Biophysics Journal, 1992, 21, 129-36.	2.2	5
305	The crossover from mean-field to 3D-Ising critical behaviour in a 3-component microemulsion. Physica B: Condensed Matter, 1995, 213-214, 591-593.	2.7	5
306	Pressure and temperature effects in homopolymer blends and diblock copolymers. Physica B: Condensed Matter, 1997, 234-236, 260-262.	2.7	5

#	Article	IF	Citations
307	The lamellar period in symmetric diblock copolymer thin films studied by neutron reflectivity and AFM. Applied Surface Science, 1999, 142, 608-613.	6.1	5
308	Ternary mixture of a homopolymer blend and diblock copolymer studied near the Lifshitz composition by small-angle neutron scattering. Journal of Applied Crystallography, 2000, 33, 686-689.	4.5	5
309	Non-locality and the flux line lattice square to hexagonal symmetry transition in the borocarbide superconductors. Physica C: Superconductivity and Its Applications, 2000, 332, 320-326.	1.2	5
310	Structure and dynamics of polymer-like reverse micelles. , 2000, , 37-41.		5
311	Small-Angle X-Ray and Neutron Scattering on Photosynthetic Membranes. Frontiers in Chemistry, 2021, 9, 631370.	3.6	5
312	The microscopic distribution of hydrophilic polymers in interpenetrating polymer networks (IPNs) of medical grade silicone. Polymer, 2021, 224, 123671.	3.8	5
313	Small-Angle Neutron Scattering Study of the Structural Relaxation of Elongationally Oriented, Moderately Stretched Three-Arm Star Polymers. Physical Review Letters, 2021, 127, 177801.	7.8	5
314	Temperature dependence of the kinetics of the urea-induced dissociation of human plasma Î±2-macroglobulin into half-molecules. Journal of Molecular Biology, 1992, 225, 551-556.	4.2	4
315	Spinodal decomposition of a polystyrene/poly(cyclohexyl acrylate-stat-butyl methacrylate) blend. Colloid and Polymer Science, 1996, 274, 350-355.	2.1	4
316	Neutron scattering experiments on swollen, uniaxially stretched polymer networks. Journal of Molecular Structure, 1996, 383, 69-74.	3.6	4
317	SANS contrast in iota-carrageenan gels and solutions in D2O. Physica B: Condensed Matter, 1997, 234-236, 283-285.	2.7	4
318	On the properties of poly(isoprene-b-ferrocenylmethyl methacrylate) block copolymers. Polymer, 2017, 133, 129-136.	3.8	4
319	Coulomb Repulsion in (TMTSF)2X and (Tmttf)2X. Molecular Crystals and Liquid Crystals, 1985, 119, 293-296.	0.8	3
320	Small-angle scattering studies on clathrin-coated vesicles. Journal of Applied Crystallography, 1991, 24, 815-821.	4.5	3
321	Phase behavior of diblock copolymers; pressure and temperature dependence studied by smallâ€angle neutron scattering. Macromolecular Symposia, 1997, 121, 245-262.	0.7	3
322	Washing of multicomponent gels prior to drying. Journal of Non-Crystalline Solids, 1997, 215, 169-175.	3.1	3
323	SANS observations on weakly flocculated dispersions. Physica B: Condensed Matter, 1997, 234-236, 1024-1026.	2.7	3
324	Performance of a New Small-Angle Neutron Scattering Instrument at the Malaysian TRIGA Reactor. Journal of Applied Crystallography, 1997, 30, 884-888.	4.5	3

#	Article	IF	Citations
325	3D-ising and lifshitz critical behavior in a mixture of a polymer blend and a corresponding diblock copolymer. Physica B: Condensed Matter, 2000, 276-278, 353-354.	2.7	3
326	Interwoven magnetic and flux line structures in single crystal (Tm,Er)Ni2B2C (invited). Journal of Applied Physics, 2000, 87, 5544-5548.	2.5	3
327	Semifluorinated alkanes and alkanes: A phase study of the perfluorohexyloctane â€“ Tetradecane system. Journal of Chemical Thermodynamics, 2017, 105, 352-361.	2.0	3
328	Observation of the Flux-Line Lattice by Neutron Diffraction and Muon-Spin Rotation. , 1995, , 413-418.		3
329	Magnetic Susceptibility of Two Antiferromagnetic Organic Conductors, (TMTSF)2PF6and (TMTSF)2AsF6. Physica Scripta, 1982, 25, 854-856.	2.5	2
330	The response of microstructure to processing in a series of poly(siloxaneimide) copolymers. Journal of Polymer Science, Part B: Polymer Physics, 1993, 31, 467-474.	2.1	2
331	Smallâ€angle neutron scattering study of the fluxâ€line lattice in a single crystal of Bi2.15Sr1.95CaCu2O8+x(invited). Journal of Applied Physics, 1994, 76, 6784-6787.	2.5	2
332	Small angle neutron diffraction studies of vortex structures in high temperature superconductors. Physica C: Superconductivity and Its Applications, 1994, 235-240, 2583-2584.	1.2	2
333	Small-angle neutron scattering study on the transamidition of polyamide-4.6. Journal of Polymer Science, Part B: Polymer Physics, 1996, 34, 335-340.	2.1	2
334	Pressure dependence of the order-disorder transition in several diblock copolymers studied with SANS. Physica B: Condensed Matter, 1997, 241-243, 1029-1031.	2.7	2
335	Macrophase-separation in binary blends of symmetric polystyrene-polybutadiene diblock copolymers. Macromolecular Symposia, 2000, 149, 99-106.	0.7	2
336	Flux line lattice symmetries in the borocarbide superconductor LuNi2B2C. Pramana - Journal of Physics, 2002, 58, 903-905.	1.8	2
337	SANS, SAXS, rheology and birefringenceâ€”strengths and weaknesses in probing phase behaviour of a diblock copolymer. Physica B: Condensed Matter, 2004, 350, E885-E888.	2.7	2
338	Evolution of local motifs and topological proximity in self-assembled quasi-crystalline phases. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2020, 476, 20200170.	2.1	2
339	X-RAY TOPOGRAPHIC STUDIES OF TEA(TCNQ)₂CRYSTALS. Journal De Physique Colloque, 1983, 44, C3-1325-C3-1329.	0.2	2
340	Stretch and orientational mode decoupling in relaxation of highly stretched polymer melts. Physical Review Research, 2020, 2, .	3.6	2
341	Direct Observation of Humic Acid Clusters, a Nonequilibrium System with a Fractal Structure. Die Naturwissenschaften, 1995, 82, 137-139.	1.6	2
342	Electrical conductivity and thermopower studies on Fex[Pt(C2O2)2]Â·6H2O (where). Synthetic Metals, 1987, 22, 35-40.	3.9	1

#	Article	IF	Citations
343	Correlation between the human and porcine complement system: A small-angle scattering study of cross immunity and methylamine-induced conformational changes of porcine C3 and C4 proteins. Molecular Immunology, 1991, 28, 959-963.	2.2	1
344	Mean-field behavior at phase separation in 3-component microemulsion system. AIP Conference Proceedings, 1992, , .	0.4	1
345	Small-angle scattering study of Î±1 inhibitor III from rat blood plasma. BBA - Proteins and Proteomics, 1994, 1207, 152-158.	2.1	1
346	Critical crossover phenomena in compatible polymer blends studied with SANS. Physica B: Condensed Matter, 1995, 213-214, 685-687.	2.7	1
347	Neutron scattering from the flux-line lattice in Bi2Sr2CaCu2O8 + y. Physica B: Condensed Matter, 1995, 213-214, 107-109.	2.7	1
348	Investigation of the pressure dependence of the Gibbs potential for polymer blends by means of SANS. Physica B: Condensed Matter, 1995, 213-214, 691-693.	2.7	1
349	Yaronet al.Reply:. Physical Review Letters, 1995, 75, 3373-3373.	7.8	1
350	Neutron Diffraction Studies of Flowing and Pinned Magnetic Flux Lattices in2H-NbSe2. Physical Review Letters, 1995, 74, 1700-1700.	7.8	1
351	Composition fluctuations in homopolymer blends and diblock copolymers. Physica B: Condensed Matter, 2000, 276-278, 375-376.	2.7	1
352	A tensile stage for high-stress low-strain fibre studies. Journal of Applied Crystallography, 2011, 44, 1297-1299.	4.5	1
353	Silsesquioxane nano-particles used for modifying properties of polymer hydrogels, and used to control X-ray contrasts. A combined X-ray and neutron scattering study. Colloid and Polymer Science, 2015, 293, 3353-3360.	2.1	1
354	Small angle neutron scattering study on a phase separation in a 3-component microemulsion system. European Physical Journal Special Topics, 1993, 03, C8-161-C8-164.	0.2	1
355	4kFAND TRANSITIONS IN THE ORGANIC CONDUCTOR: DBTTF-TCNQCl2+. Journal De Physique Colloque, 1983, 44, C3-1349-C3-1352.	0.2	1
356	Transport properties of some conducting TCNQ-salts. , 1979, , 159-163.		0
357	X-ray diffuse scattering study of the organic conductor: DBTTFî—¸TCNQCl2. Nuclear Instruments & Methods in Physics Research, 1983, 208, 559-562.	0.9	0
358	Studies on the one-dimensional platinum atom chain compound Rb3(H3O)0.2[Pt(CN)4](O3SOÂ·HÂ·OSO3)0.5Â·0.8H2O. Synthetic Metals, 1987, 20, 281-287.	3.9	0
359	Small-angle neutron scattering studies of mesophases and networks of block copolymer micelles. Neutron News, 1996, 7, 31-35.	0.2	0
360	Stable, metastable and unstable oil-in-water droplets. , 1997, , 6-13.		0

#	Article	IF	Citations
361	Effect of pressure on thermal order parameter fluctuations and phase boundaries in polymer blends and diblock copolymers. Neutron News, 1997, 8, 32-34.	0.2	0
362	Square to hexagonal symmetry transition of the flux line lattice in YNi2B2C for different field orientations. Physica B: Condensed Matter, 1997, 241-243, 811-813.	2.7	0
363	FLUX LINE LATTICE SYMMETRIES IN THE BOROCARBIDE SUPERCONDUCTORS. , 2000, , .		0
364	TEMPERATURE DEPENDENCE OF THE FLUX LINE LATTICE HEXAGONAL TO SQUARE SYMMETRY TRANSITION IN LuNi₂B₂C: A CROSSOVER FROM LONDON TO GINZBURG-LANDAU BEHAVIOUR. , 2000, , .		0
365	Influence of molecular stiffness on the dynamic structure factor. Macromolecular Symposia, 2000, 162, 221-226.	0.7	0
366	Nonionic Copolymer Surfactants. , 2001, , 6208-6213.		0
367	The effect of shear on the structure of thermoplastic elastomer gels. Acta Crystallographica Section A: Foundations and Advances, 2002, 58, c11-c11.	0.3	0
368	Correlation between Morphology, Water Uptake, and Proton Conductivity in Radiation Grafted Proton Exchange Membranes. Materials Research Society Symposia Proceedings, 2010, 1269, 20501.	0.1	0
369	Lipid-Protein Interactions in Nanodiscs: How to Enhance Stability. Biophysical Journal, 2012, 102, 236a.	0.5	0
370	Impact of PI(3,4,5)P3-Mediated Beta-Arrestin-1 Recruitment on Structure of Asymmetric Lipid Bilayers. Biophysical Journal, 2015, 108, 342a.	0.5	0
371	Neutron Scattering Studies of The Flux Line Lattice and Magnetic Ordering in TmNi2B2C. , 2001, , 333-340.		0
372	Flux Line Lattice Symmetry Transitions in the Borocarbide Superconductors. , 2001, , 313-322.		0
373	Properties of Organic Salts of TMTSF and TMTTF. , 1984, , 667-673.		0
374	Small Angle Scattering Experiments of Neutrons for the Polymer Blend PVME/d-PS. , 1988, , 445-455.		0
375	Structural Properties of a Lecithin-Cholesterol System: Ripple Structure and Phase Diagram. NATO ASI Series Series B: Physics, 1989, , 293-296.	0.2	0
376	Microphase Separation in Bilayer Membranes. NATO ASI Series Series B: Physics, 1991, , 157-163.	0.2	0
377	Small-angle scattering studies of freeze-dried silica gels. European Physical Journal Special Topics, 1993, 03, C8-353-C8-356.	0.2	0
378	Pressure dependence of the Flory-Huggins interaction parameter in binary polymer blends investigated by SANS. European Physical Journal Special Topics, 1993, 03, C8-17-C8-20.	0.2	0

#	Article	IF	Citations
379	CONDUCTING CATION-RADICAL SALTS BASED ON DBTTF AND ITS SELENIUM ANALOGUE, DBTSF. Journal De Physique Colloque, 1983, 44, C3-1361-C3-1364.	0.2	0
380	ANOMALOUS PHASE TRANSITION IN THE ORGANIC CONDUCTOR: (TMTSF)₂H₂F₃. Journal De Physique Colloque, 1983, 44, C3-963-C3-968.	0.2	0