Kell Mortensen

List of Publications by Year
in descending order

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380 papers	19,087 citations	11908 72 h-index	18400 124 g-index
390 all docs	390 docs citations	390 times ranked	12536 citing authors

#	Article	IF	Citations
1	Small-Angle X-Ray and Neutron Scattering on Photosynthetic Membranes. Frontiers in Chemistry, 2021, 9, 631370.	1.8	5
2	The microscopic distribution of hydrophilic polymers in interpenetrating polymer networks (IPNs) of medical grade silicone. Polymer, 2021, 224, 123671.	1.8	5
3	Dynamics and Structure of Metallo-supramolecular Polymers Based on Short Telechelic Precursors. Macromolecules, 2021, 54, 6400-6416.	2.2	13
4	Small-Angle Neutron Scattering Study of the Structural Relaxation of Elongationally Oriented, Moderately Stretched Three-Arm Star Polymers. Physical Review Letters, 2021, 127, 177801.	2.9	5
5	Threadingâ€“Unthreading Transition of Linear-Ring Polymer Blends in Extensional Flow. ACS Macro Letters, 2020, 9, 1452-1457.	2.3	36
6	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.	1.0	2
7	Mechanisms of crystallisation in polysorbates and sorbitan esters. CrystEngComm, 2020, 22, 3840-3853.	1.3	6
8	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.	3.3	23
9	Stretch and orientational mode decoupling in relaxation of highly stretched polymer melts. Physical Review Research, 2020, 2, .	1.3	2
10	Ultrastructural modeling of small angle scattering from photosynthetic membranes. Scientific Reports, 2019, 9, 19405.	1.6	10
11	Towards biomimics of cell membranes: Structural effect of phosphatidylinositol triphosphate (PIP3) on a lipid bilayer. Colloids and Surfaces B: Biointerfaces, 2019, 173, 202-209.	2.5	22
12	Bulk and Surface Morphologies of ABC Miktoarm Star Terpolymers Composed of PDMS, PI, and PMMA Arms. Macromolecules, 2018, 51, 1041-1051.	2.2	18
13	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.	0.8	20
14	Stretching PEOâ€“PPO Type of Star Block Copolymer Gels: Rheology and Small-Angle Scattering. ACS Macro Letters, 2018, 7, 1438-1442.	2.3	10
15	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.	2.4	6
16	Highly Anisotropic Glassy Polystyrenes Are Flexible. ACS Macro Letters, 2018, 7, 1126-1130.	2.3	24
17	Structural Studies of Three-Arm Star Block Copolymers Exposed to Extreme Stretch Suggests a Persistent Polymer Tube. Physical Review Letters, 2018, 120, 207801.	2.9	11
18	Flow induced crystallization prevents melt fracture of HDPE in uniaxial extensional flow. Journal of Rheology, 2018, 62, 1051-1060.	1.3	11

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19	Semifluorinated alkanes and alkanes: A phase study of the perfluorohexyloctane â€“ Tetradecane system. Journal of Chemical Thermodynamics, 2017, 105, 352-361.	1.0	3
20	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.	3.6	24
21	Influence of Extensional Stress Overshoot on Crystallization of LDPE. Macromolecules, 2017, 50, 1134-1140.	2.2	28
22	All-natural bio-plastics using starch-betaglucan composites. Carbohydrate Polymers, 2017, 172, 237-245.	5.1	31
23	Synthesis and characterization of ferrocene containing block copolymers. Journal of Polymer Science Part A, 2017, 55, 495-503.	2.5	15
24	Rheological Link Between Polymer Melts with a High Molecular Weight Tail and Enhanced Formation of Shish-Kebabs. ACS Macro Letters, 2017, 6, 1268-1273.	2.3	26
25	On the properties of poly(isoprene-b-ferrocenylmethyl methacrylate) block copolymers. Polymer, 2017, 133, 129-136.	1.8	4
26	The nature of ancient Egyptian copper-containing carbon inks is revealed by synchrotron radiation based X-ray microscopy. Scientific Reports, 2017, 7, 15346.	1.6	23
27	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.	1.7	23
28	Cross-Linked Amylose Bio-Plastic: A Transgenic-Based Compostable Plastic Alternative. International Journal of Molecular Sciences, 2017, 18, 2075.	1.8	36
29	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.	1.9	26
30	Recent advances in X-ray compatible microfluidics for applications in soft materials and life sciences. Lab on A Chip, 2016, 16, 4263-4295.	3.1	91
31	Microemulsions as Potential Carriers of Nisin: Effect of Composition on Structure and Efficacy. Langmuir, 2016, 32, 8988-8998.	1.6	18
32	Nematic effects and strain coupling in entangled polymer melts under strong flow. Physical Review E, 2016, 94, 020502.	0.8	12
33	Plant-crafted starches for bioplastics production. Carbohydrate Polymers, 2016, 152, 398-408.	5.1	64
34	Structural Study of Four-Armed Amphiphilic Star-Block Copolymers: Pristine and End-Linked Tetronic T1307. ACS Macro Letters, 2016, 5, 224-228.	2.3	26
35	Friction Coefficient of Well-Defined Hydrogel Networks. Macromolecules, 2016, 49, 634-642.	2.2	19
36	Mechanical characteristics of alkyd binder reinforced by surface modified colloidal nano silica. Progress in Organic Coatings, 2016, 90, 147-153.	1.9	10

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37	Ptychographic X-ray computed tomography of extended colloidal networks in food emulsions. Food Structure, 2016, 7, 21-28.	2.3	14
38	Influence of surface modified nano silica on alkyd binder before and after accelerated weathering. Polymer Degradation and Stability, 2016, 126, 134-143.	2.7	13
39	Impact of PI(3,4,5)P3-Mediated Beta-Arrestin-1 Recruitment on Structure of Asymmetric Lipid Bilayers. Biophysical Journal, 2015, 108, 342a.	0.2	0
40	Phase Coexistence in a Dynamic Phase Diagram. ChemPhysChem, 2015, 16, 2459-2465.	1.0	10
41	Dynamic ultra-high pressure homogenisation of whey protein-depleted milk concentrate. International Dairy Journal, 2015, 46, 12-21.	1.5	13
42	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.	1.0	1
43	From single crystal model catalysts to systematic studies of supported nanoparticles. Surface Science, 2015, 631, 278-284.	0.8	23
44	Quantification of the information in small-angle scattering data. Journal of Applied Crystallography, 2014, 47, 2000-2010.	1.9	19
45	Small Deformation Rheology for Characterization of Anhydrous Milk Fat/Rapeseed Oil Samples. Journal of Texture Studies, 2014, 45, 20-29.	1.1	8
46	Dynamic ultra-high pressure homogenisation of milk casein concentrates: Influence of casein content. Innovative Food Science and Emerging Technologies, 2014, 26, 143-152.	2.7	16
47	Effect of cream cooling rate and water content on butter microstructure during four weeks of storage. Food Hydrocolloids, 2014, 34, 169-176.	5.6	40
48	Investigating the activity enhancement on PtxCo1â˜'x alloys induced by a combined strain and ligand effect. Journal of Power Sources, 2014, 245, 908-914.	4.0	27
49	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.	0.8	20
50	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
51	Effect of churning temperature on water content, rheology, microstructure and stability of butter during four weeks of storage. Food Structure, 2014, 2, 14-26.	2.3	24
52	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.	0.7	9
53	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.	4.0	163
54	The particle proximity effect: from model to high surface area fuel cell catalysts. RSC Advances, 2014, 4, 14971.	1.7	70

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55	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
56	Dynamic Phase Diagram of a Nonionic Surfactant Lamellar Phase. Journal of Physical Chemistry B, 2014, 118, 3622-3629.	1.2	17
57	The effect of butter grains on physical properties of butter-like emulsions. Journal of Dairy Science, 2014, 97, 1929-1938.	1.4	13
58	Self-assembling peptides form nanodiscs that stabilize membrane proteins. Soft Matter, 2014, 10, 738-752.	1.2	65
59	The effect of using binary mixtures of zwitterionic and charged lipids on nanodisc formation and stability. Soft Matter, 2013, 9, 2329.	1.2	34
60	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
61	Pt based PEMFC catalysts prepared from colloidal particle suspensions â€“ a toolbox for model studies. Physical Chemistry Chemical Physics, 2013, 15, 3602.	1.3	64
62	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.	5.9	71
63	Rheochaos and flow instability phenomena in a nonionic lamellar phase. Soft Matter, 2013, 9, 1133-1140.	1.2	25
64	Characterisation of fractionated skim milk with small-angle X-ray scattering. International Dairy Journal, 2013, 33, 1-9.	1.5	18
65	McXtrace: a Monte Carlo software package for simulating X-ray optics, beamlines and experiments. Journal of Applied Crystallography, 2013, 46, 679-696.	1.9	68
66	Effect of Phospholipid Composition and Phase on Nanodisc Films at the Solidâ€“Liquid Interface as Studied by Neutron Reflectivity. Langmuir, 2013, 29, 2871-2880.	1.6	8
67	WillItFit: a framework for fitting of constrained models to small-angle scattering data. Journal of Applied Crystallography, 2013, 46, 1894-1898.	1.9	61
68	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
69	Lipid-Protein Interactions in Nanodiscs: How to Enhance Stability. Biophysical Journal, 2012, 102, 236a.	0.2	0
70	Organicâ€“inorganic nanocomposite gels as an in situ gelation biomaterial for injectable accommodative intraocular lens. Soft Matter, 2012, 8, 7185.	1.2	16
71	Polymorphism, microstructure and rheology of butter. Effects of cream heat treatment. Food Chemistry, 2012, 135, 1730-1739.	4.2	89
72	Stress and neutron scattering measurements on linear polymer melts undergoing steady elongational flow. Rheologica Acta, 2012, 51, 385-394.	1.1	34

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73	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.	5.0	31
74	Structure of the ion-rich phase in DVB cross-linked graft-copolymer proton-exchange membranes. Polymer, 2012, 53, 175-182.	1.8	18
75	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.	1.3	36
76	Design of an Injectable in Situ Gelation Biomaterials for Vitreous Substitute. Biomacromolecules, 2011, 12, 4011-4021.	2.6	39
77	Perforated Lamellae Morphology in Novel P2VP(PDMS-b-PI-b-PS)₂ 3-Miktoarm Star Quarterpolymer. Macromolecules, 2011, 44, 575-582.	2.2	21
78	Aligning Nanodiscs at the Airâ€“Water Interface, a Neutron Reflectivity Study. Langmuir, 2011, 27, 15065-15073.	1.6	18
79	Nano-scale morphology in graft copolymer proton-exchange membranes cross-linked with DIPB. Journal of Membrane Science, 2011, 383, 50-59.	4.1	21
80	A tensile stage for high-stress low-strain fibre studies. Journal of Applied Crystallography, 2011, 44, 1297-1299.	1.9	1
81	Multi-lamellar vesicle formation in a long-chain nonionic surfactant: C16E4/D2O system. Journal of Colloid and Interface Science, 2011, 362, 1-4.	5.0	25
82	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.	6.6	117
83	Correlation between Morphology, Water Uptake, and Proton Conductivity in Radiationâ€Grafted Protonâ€Exchange Membranes. Macromolecular Chemistry and Physics, 2010, 211, 635-643.	1.1	39
84	Strain-induced internal fibrillation in looped aramid filaments. Polymer, 2010, 51, 4589-4598.	1.8	9
85	Analysing the nanoporous structure of aramid fibres. Journal of Applied Crystallography, 2010, 43, 837-849.	1.9	31
86	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
87	Molecular Characterization of the Interaction between siRNA and PAMAM G7 Dendrimers by SAXS, ITC, and Molecular Dynamics Simulations. Biomacromolecules, 2010, 11, 3571-3577.	2.6	75
88	Ordering fluctuations in a shear-banding wormlike micellar system. Physical Chemistry Chemical Physics, 2010, 12, 8856.	1.3	23
89	Reinvestigation of the Block Copolymer Modulated Lamellar Structure. Macromolecules, 2009, 42, 1685-1690.	2.2	9
90	Elastomers with Reversible Nanoporosity. Macromolecules, 2009, 42, 5636-5641.	2.2	9

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91	Structural characterization of radiationâ€grafted block copolymer films, using SANS technique. Journal of Polymer Science, Part B: Polymer Physics, 2008, 46, 1660-1668.	2.4	35
92	Micellar Structures of Hydrophilic/Lipophilic and Hydrophilic/Fluorophilic Poly(2â€oxazoline) Diblock Copolymers in Water. Macromolecular Chemistry and Physics, 2008, 209, 2248-2258.	1.1	53
93	New sources and instrumentation for neutrons in biology. Chemical Physics, 2008, 345, 133-151.	0.9	53
94	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.	2.2	109
95	Virtual experiments: the ultimate aim of neutron ray-tracing simulations. Journal of Neutron Research, 2008, 16, 97-111.	0.4	24
96	Self-Assembly of Uracilâ^'PAMAM Dendrimer Systems into Domains of Micrometer Length Scale. Macromolecules, 2007, 40, 1779-1781.	2.2	7
97	Block-Copolymer Micro-emulsion with Solvent-Induced Segregation. Langmuir, 2007, 23, 2117-2125.	1.6	13
98	Micellar structure of amphiphilic poly(2-oxazoline) diblock copolymers. Journal of Applied Crystallography, 2007, 40, s361-s362.	1.9	14
99	Shear Instability of a Gyroid Diblock Copolymer. Macromolecules, 2005, 38, 1286-1291.	2.2	17
100	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.	1.6	15
101	Collective dynamics and self-diffusion in a diblock copolymer melt in the body-centered cubic phase. European Physical Journal E, 2004, 15, 359-70.	0.7	6
102	SANS, SAXS, rheology and birefringenceâ€"strengths and weaknesses in probing phase behaviour of a diblock copolymer. Physica B: Condensed Matter, 2004, 350, E885-E888.	1.3	2
103	Silica reinforced triblock copolymer gels. Polymer, 2004, 45, 1857-1865.	1.8	18
104	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.	2.4	18
105	SANS-II at SINQ: installation of the former RisÃ¸-SANS facility. Physica B: Condensed Matter, 2004, 350, E783-E786.	1.3	61
106	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.	2.7	40
107	Mesophase Behavior of Aqueous Micellar Solutions of Triblock Copolymers of Ethylene Oxide and 1,2-Butylene Oxide (Type EmBnEm). Langmuir, 2003, 19, 1075-1081.	1.6	33
108	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

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109	Relaxation of Shear-Aligned Wormlike Micelles. Journal of Physical Chemistry B, 2002, 106, 2426-2428.	1.2	21
110	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.	2.2	76
111	Structureâ^'Property Relations in Dendritic Polyelectrolyte Solutions at Different Ionic Strength. Macromolecules, 2002, 35, 827-833.	2.2	39
112	Progress in SANS studies of polymer systems (Panel Discussion). Macromolecular Symposia, 2002, 190, 185-200.	0.4	10
113	Flux line lattice symmetries in the borocarbide superconductor LuNi2B2C. Pramana - Journal of Physics, 2002, 58, 903-905.	0.9	2
114	Synthesis, Characterization, and Structural Investigations of Poly(ethyl acrylate)-l-polyisobutylene Bicomponent Conetwork. Macromolecules, 2001, 34, 1579-1585.	2.2	91
115	Packing states of multilamellar vesicles in a nonionic surfactant system. Physical Chemistry Chemical Physics, 2001, 3, 1310-1316.	1.3	37
116	Nonionic Amphiphilic Bilayer Structures under Shear. Langmuir, 2001, 17, 999-1008.	1.6	76
117	Abnormal Pressure Dependence of the Phase Boundaries in PEEâ^'PDMS and PEPâ^'PDMS Binary Homopolymer Blends and Diblock Copolymers. Macromolecules, 2001, 34, 1694-1706.	2.2	34
118	Blends of AB/BC Diblock Copolymers with a Large Interaction Parameter Ï‡. Macromolecules, 2001, 34, 4907-4916.	2.2	29
119	Molecular Structure Characterization of Hyperbranched Polyesteramides. Macromolecules, 2001, 34, 3552-3558.	2.2	60
120	End Effects in Poly(styrene)/Poly(ethylene oxide) Copolymers. Macromolecules, 2001, 34, 1096-1104.	2.2	32
121	Nonionic Copolymer Surfactants. , 2001, , 6208-6213.		0
122	SANS study of surfactant ordering in Î²-carrageenan/cetylpyridinium chloride complexes. Polymer, 2001, 42, 2907-2913.	1.8	36
123	Structural studies of lamellar surfactant systems under shear. Current Opinion in Colloid and Interface Science, 2001, 6, 140-145.	3.4	46
124	PEO-related block copolymer surfactants. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2001, 183-185, 277-292.	2.3	94
125	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.	5.0	6
126	Structural properties of self-assembled polymeric aggregates in aqueous solutions. Polymers for Advanced Technologies, 2001, 12, 2-22.	1.6	94

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127	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.	0.7	49
128	Flux Line Lattice Reorientation in the Borocarbide Superconductors withHâˆ¥a. Physical Review Letters, 2001, 86, 320-323.	2.9	28
129	Temperature Dependence of the Flux Line Lattice Transition into Square Symmetry in SuperconductingLuNi2B2C. Physical Review Letters, 2001, 86, 5148-5151.	2.9	52
130	Neutron Scattering Studies of The Flux Line Lattice and Magnetic Ordering in TmNi2B2C. , 2001, , 333-340.		0
131	Flux Line Lattice Symmetry Transitions in the Borocarbide Superconductors. , 2001, , 313-322.		0
132	FLUX LINE LATTICE SYMMETRIES IN THE BOROCARBIDE SUPERCONDUCTORS. , 2000, , .		0
133	TEMPERATURE DEPENDENCE OF THE FLUX LINE LATTICE HEXAGONAL TO SQUARE SYMMETRY TRANSITION IN LuNi₂B₂C: A CROSSOVER FROM LONDON TO GINZBURG-LANDAU BEHAVIOUR. , 2000, , .		0
134	Macrophase-separation in binary blends of symmetric polystyrene-polybutadiene diblock copolymers. Macromolecular Symposia, 2000, 149, 99-106.	0.4	2
135	The influence of the morphology on the dynamics in ordered diblock copolymer melts. Macromolecular Symposia, 2000, 162, 275-290.	0.4	6
136	Influence of molecular stiffness on the dynamic structure factor. Macromolecular Symposia, 2000, 162, 221-226.	0.4	0
137	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.	1.9	5
138	Effect of planar extension on the structure and mechanical properties of polystyreneâ€“poly(ethylene-) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.8	49
139	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.	1.3	3
140	Topological transformation of a surfactant bilayer. Physica B: Condensed Matter, 2000, 276-278, 379-380.	1.3	17
141	Composition fluctuations in homopolymer blends and diblock copolymers. Physica B: Condensed Matter, 2000, 276-278, 375-376.	1.3	1
142	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.	0.6	5
143	The bulk dynamics of a compositionally asymmetric diblock copolymer studied using dynamic light scattering. European Physical Journal E, 2000, 1, 275.	0.7	12
144	Differences of Interaction Parameter of a PS/PEO homopolymer blend and diblock copolymer in comparison to other systems. Macromolecular Symposia, 2000, 149, 63-68.	0.4	9

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145	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.	1.2	45
146	Reversible Thermal Gelation in Soft Spheres. Physical Review Letters, 2000, 85, 4072-4075.	2.9	87
147	Interwoven magnetic and flux line structures in single crystal (Tm,Er)Ni2B2C (invited). Journal of Applied Physics, 2000, 87, 5544-5548.	1.1	3
148	Small-Angle Scattering Studies of Block Copolymer Micelles, Micellar Mesophases and Networks. , 2000, , 191-220.		8
149	First observation of an ordered microphase in melts of poly(oxyethylene)â€“poly(oxypropylene) block copolymers. Physical Chemistry Chemical Physics, 2000, 2, 1503-1507.	1.3	21
150	Shear-Induced Transition of Originally Undisturbed Lamellar Phase to Vesicle Phaseâ€. Langmuir, 2000, 16, 8653-8663.	1.6	84
151	Non-spherical micelles in an oil-in-water cubic phase. Physical Chemistry Chemical Physics, 2000, 2, 2951-2958.	1.3	10
152	Structure and dynamics of polymer-like reverse micelles. , 2000, , 37-41.		5
153	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.	2.9	62
154	Self-diffusion of an asymmetric diblock copolymer above and below the order-to-disorder transition temperature. Journal of Chemical Physics, 1999, 111, 2789-2796.	1.2	15
155	Effects of Magnetic Order on the Superconducting Length Scales and Critical Fields in Single CrystalErNi2B2C. Physical Review Letters, 1999, 82, 1756-1759.	2.9	29
156	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.	2.9	40
157	Hysteresis in the field-induced magnetic structure in TmNi2B2C. Physica B: Condensed Matter, 1999, 259-261, 582-583.	1.3	6
158	The lamellar period in symmetric diblock copolymer thin films studied by neutron reflectivity and AFM. Applied Surface Science, 1999, 142, 608-613.	3.1	5
159	Small-angle neutron scattering studies on phase behavior of block copolymers. Journal of Physics and Chemistry of Solids, 1999, 60, 1307-1312.	1.9	33
160	Unexpected phase behavior of an asymmetric diblock copolymer. Journal of Chemical Physics, 1999, 111, 4319-4326.	1.2	11
161	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
162	A SANS Investigation of Reverse (Water-in-Oil) Micelles of Amphiphilic Block Copolymers. Macromolecules, 1999, 32, 6725-6733.	2.2	72

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163	Behavior of Ionically Charged Lamellar Systems under the Influence of a Shear Field. Journal of Physical Chemistry B, 1999, 103, 1605-1617.	1.2	77
164	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
165	Compound refractive optics for the imaging and focusing of low-energy neutrons. Nature, 1998, 391, 563-566.	13.7	132
166	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
167	Influence of Alcohol on the Behavior of Sodium Dodecylsulfate Micelles. Journal of Colloid and Interface Science, 1998, 203, 328-334.	5.0	90
168	Phase behavior of binary blends of symmetric polystyrene-polybutadiene diblock copolymers studied using SANS. European Physical Journal B, 1998, 4, 325-332.	0.6	20
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