

Kell Mortensen

List of Publications by Year in descending order

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380
papers

19,087
citations

10388
72
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16180
124
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390
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390
docs citations

390
times ranked

11129
citing authors

#	ARTICLE	IF	CITATIONS
1	Small-Angle X-Ray and Neutron Scattering on Photosynthetic Membranes. <i>Frontiers in Chemistry</i> , 2021, 9, 631370.	3.6	5
2	The microscopic distribution of hydrophilic polymers in interpenetrating polymer networks (IPNs) of medical grade silicone. <i>Polymer</i> , 2021, 224, 123671.	3.8	5
3	Dynamics and Structure of Metallo-supramolecular Polymers Based on Short Telechelic Precursors. <i>Macromolecules</i> , 2021, 54, 6400-6416.	4.8	13
4	Small-Angle Neutron Scattering Study of the Structural Relaxation of Elongationally Oriented, Moderately Stretched Three-Arm Star Polymers. <i>Physical Review Letters</i> , 2021, 127, 177801.	7.8	5
5	Threadingâ€“Unthreading Transition of Linear-Ring Polymer Blends in Extensional Flow. <i>ACS Macro Letters</i> , 2020, 9, 1452-1457.	4.8	36
6	Evolution of local motifs and topological proximity in self-assembled quasi-crystalline phases. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2020, 476, 20200170.	2.1	2
7	Mechanisms of crystallisation in polysorbates and sorbitan esters. <i>CrystEngComm</i> , 2020, 22, 3840-3853.	2.6	6
8	Insights into the composition of ancient Egyptian red and black inks on papyri achieved by synchrotron-based microanalyses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 27825-27835.	7.1	23
9	Stretch and orientational mode decoupling in relaxation of highly stretched polymer melts. <i>Physical Review Research</i> , 2020, 2, .	3.6	2
10	Ultrastructural modeling of small angle scattering from photosynthetic membranes. <i>Scientific Reports</i> , 2019, 9, 19405.	3.3	10
11	Towards biomimics of cell membranes: Structural effect of phosphatidylinositol triphosphate (PIP3) on a lipid bilayer. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 173, 202-209.	5.0	22
12	Bulk and Surface Morphologies of ABC Miktoarm Star Terpolymers Composed of PDMS, PI, and PMMA Arms. <i>Macromolecules</i> , 2018, 51, 1041-1051.	4.8	18
13	Cutting edges and weaving threads in the gene editing (Ð) evolution: reconciling scientific progress with legal, ethical, and social concerns. <i>Journal of Law and the Biosciences</i> , 2018, 5, 35-83.	1.6	20
14	Stretching PEOâ€“PPO Type of Star Block Copolymer Gels: Rheology and Small-Angle Scattering. <i>ACS Macro Letters</i> , 2018, 7, 1438-1442.	4.8	10
15	On the morphological behavior of ABC miktoarm stars containing poly(cis 1,4â€“isoprene), poly(styrene), and poly(2â€“vinylpyridine). <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2018, 56, 1491-1504.	2.1	6
16	Highly Anisotropic Glassy Polystyrenes Are Flexible. <i>ACS Macro Letters</i> , 2018, 7, 1126-1130.	4.8	24
17	Structural Studies of Three-Arm Star Block Copolymers Exposed to Extreme Stretch Suggests a Persistent Polymer Tube. <i>Physical Review Letters</i> , 2018, 120, 207801.	7.8	11
18	Flow induced crystallization prevents melt fracture of HDPE in uniaxial extensional flow. <i>Journal of Rheology</i> , 2018, 62, 1051-1060.	2.6	11

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19	Semifluorinated alkanes and alkanes: A phase study of the perfluorohexyloctane “Tetradecane system. <i>Journal of Chemical Thermodynamics</i> , 2017, 105, 352-361.	2.0	3
20	Influence of diurnal photosynthetic activity on the morphology, structure, and thermal properties of normal and waxy barley starch. <i>International Journal of Biological Macromolecules</i> , 2017, 98, 188-200.	7.5	24
21	Influence of Extensional Stress Overshoot on Crystallization of LDPE. <i>Macromolecules</i> , 2017, 50, 1134-1140.	4.8	28
22	All-natural bio-plastics using starch-betaglucan composites. <i>Carbohydrate Polymers</i> , 2017, 172, 237-245.	10.2	31
23	Synthesis and characterization of ferrocene containing block copolymers. <i>Journal of Polymer Science Part A</i> , 2017, 55, 495-503.	2.3	15
24	Rheological Link Between Polymer Melts with a High Molecular Weight Tail and Enhanced Formation of Shish-Kebabs. <i>ACS Macro Letters</i> , 2017, 6, 1268-1273.	4.8	26
25	On the properties of poly(isoprene-b-ferrocenylmethyl methacrylate) block copolymers. <i>Polymer</i> , 2017, 133, 129-136.	3.8	4
26	The nature of ancient Egyptian copper-containing carbon inks is revealed by synchrotron radiation based X-ray microscopy. <i>Scientific Reports</i> , 2017, 7, 15346.	3.3	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. <i>Analyst</i> , The, 2017, 142, 3118-3126.	3.5	23
28	Cross-Linked Amylose Bio-Plastic: A Transgenic-Based Compostable Plastic Alternative. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2075.	4.1	36
29	Direct monitoring of calcium-triggered phase transitions in cubosomes using small-angle X-ray scattering combined with microfluidics. <i>Journal of Applied Crystallography</i> , 2016, 49, 2005-2014.	4.5	26
30	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.	6.0	91
31	Microemulsions as Potential Carriers of Nisin: Effect of Composition on Structure and Efficacy. <i>Langmuir</i> , 2016, 32, 8988-8998.	3.5	18
32	Nematic effects and strain coupling in entangled polymer melts under strong flow. <i>Physical Review E</i> , 2016, 94, 020502.	2.1	12
33	Plant-crafted starches for bioplastics production. <i>Carbohydrate Polymers</i> , 2016, 152, 398-408.	10.2	64
34	Structural Study of Four-Armed Amphiphilic Star-Block Copolymers: Pristine and End-Linked Tetronic T1307. <i>ACS Macro Letters</i> , 2016, 5, 224-228.	4.8	26
35	Friction Coefficient of Well-Defined Hydrogel Networks. <i>Macromolecules</i> , 2016, 49, 634-642.	4.8	19
36	Mechanical characteristics of alkyd binder reinforced by surface modified colloidal nano silica. <i>Progress in Organic Coatings</i> , 2016, 90, 147-153.	3.9	10

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37	Ptychographic X-ray computed tomography of extended colloidal networks in food emulsions. Food Structure, 2016, 7, 21-28.	4.5	14
38	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
39	Impact of PI(3,4,5)P3-Mediated Beta-Arrestin-1 Recruitment on Structure of Asymmetric Lipid Bilayers. Biophysical Journal, 2015, 108, 342a.	0.5	0
40	Phase Coexistence in a Dynamic Phase Diagram. ChemPhysChem, 2015, 16, 2459-2465.	2.1	10
41	Dynamic ultra-high pressure homogenisation of whey protein-depleted milk concentrate. International Dairy Journal, 2015, 46, 12-21.	3.0	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.	2.1	1
43	From single crystal model catalysts to systematic studies of supported nanoparticles. Surface Science, 2015, 631, 278-284.	1.9	23
44	Quantification of the information in small-angle scattering data. Journal of Applied Crystallography, 2014, 47, 2000-2010.	4.5	19
45	Small Deformation Rheology for Characterization of Anhydrous Milk Fat/Rapeseed Oil Samples. Journal of Texture Studies, 2014, 45, 20-29.	2.5	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.	5.6	16
47	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
48	Investigating the activity enhancement on Pt _x Co _{1-x} alloys induced by a combined strain and ligand effect. Journal of Power Sources, 2014, 245, 908-914.	7.8	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.	1.9	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.	4.5	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.	1.6	9
53	Comparative degradation study of carbon supported proton exchange membrane fuel cell electrocatalysts – The influence of the platinum to carbon ratio on the degradation rate. Journal of Power Sources, 2014, 261, 14-22.	7.8	163
54	The particle proximity effect: from model to high surface area fuel cell catalysts. RSC Advances, 2014, 4, 14971.	3.6	70

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55	Structure and enzymatic accessibility of leaf and stem from wheat straw before and after hydrothermal pretreatment. <i>Biotechnology for Biofuels</i> , 2014, 7, 74.	6.2	23
56	Dynamic Phase Diagram of a Nonionic Surfactant Lamellar Phase. <i>Journal of Physical Chemistry B</i> , 2014, 118, 3622-3629.	2.6	17
57	The effect of butter grains on physical properties of butter-like emulsions. <i>Journal of Dairy Science</i> , 2014, 97, 1929-1938.	3.4	13
58	Self-assembling peptides form nanodiscs that stabilize membrane proteins. <i>Soft Matter</i> , 2014, 10, 738-752.	2.7	65
59	The effect of using binary mixtures of zwitterionic and charged lipids on nanodisc formation and stability. <i>Soft Matter</i> , 2013, 9, 2329.	2.7	34
60	On the influence of the Pt to carbon ratio on the degradation of high surface area carbon supported PEM fuel cell electrocatalysts. <i>Electrochemistry Communications</i> , 2013, 34, 153-156.	4.7	57
61	Pt based PEMFC catalysts prepared from colloidal particle suspensions “a toolbox for model studies. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 3602.	2.8	64
62	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.	11.7	71
63	Rheochaos and flow instability phenomena in a nonionic lamellar phase. <i>Soft Matter</i> , 2013, 9, 1133-1140.	2.7	25
64	Characterisation of fractionated skim milk with small-angle X-ray scattering. <i>International Dairy Journal</i> , 2013, 33, 1-9.	3.0	18
65	<i>McXtrace</i> : a Monte Carlo software package for simulating X-ray optics, beamlines and experiments. <i>Journal of Applied Crystallography</i> , 2013, 46, 679-696.	4.5	68
66	Effect of Phospholipid Composition and Phase on Nanodisc Films at the Solid-Liquid Interface as Studied by Neutron Reflectivity. <i>Langmuir</i> , 2013, 29, 2871-2880.	3.5	8
67	<i>WillitFit</i> : a framework for fitting of constrained models to small-angle scattering data. <i>Journal of Applied Crystallography</i> , 2013, 46, 1894-1898.	4.5	61
68	Monitoring Shifts in the Conformation Equilibrium of the Membrane Protein Cytochrome P450 Reductase (POR) in Nanodiscs. <i>Journal of Biological Chemistry</i> , 2012, 287, 34596-34603.	3.4	59
69	Lipid-Protein Interactions in Nanodiscs: How to Enhance Stability. <i>Biophysical Journal</i> , 2012, 102, 236a.	0.5	0
70	Organic-inorganic nanocomposite gels as an in situ gelation biomaterial for injectable accommodative intraocular lens. <i>Soft Matter</i> , 2012, 8, 7185.	2.7	16
71	Polymorphism, microstructure and rheology of butter. Effects of cream heat treatment. <i>Food Chemistry</i> , 2012, 135, 1730-1739.	8.2	89
72	Stress and neutron scattering measurements on linear polymer melts undergoing steady elongational flow. <i>Rheologica Acta</i> , 2012, 51, 385-394.	2.4	34

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73	Structural transitions induced by shear flow and temperature variation in a nonionic surfactant/water system. <i>Journal of Colloid and Interface Science</i> , 2012, 372, 32-39.	9.4	31
74	Structure of the ion-rich phase in DVB cross-linked graft-copolymer proton-exchange membranes. <i>Polymer</i> , 2012, 53, 175-182.	3.8	18
75	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.	2.8	36
76	Design of an Injectable in Situ Gelation Biomaterials for Vitreous Substitute. <i>Biomacromolecules</i> , 2011, 12, 4011-4021.	5.4	39
77	Perforated Lamellae Morphology in Novel P2VP(PDMS- <i>b</i> -PI- <i>b</i> -PS) ₂ 3-Miktoarm Star Quarterpolymer. <i>Macromolecules</i> , 2011, 44, 575-582.	4.8	21
78	Aligning Nanodiscs at the Air-Water Interface, a Neutron Reflectivity Study. <i>Langmuir</i> , 2011, 27, 15065-15073.	3.5	18
79	Nano-scale morphology in graft copolymer proton-exchange membranes cross-linked with DIPB. <i>Journal of Membrane Science</i> , 2011, 383, 50-59.	8.2	21
80	A tensile stage for high-stress low-strain fibre studies. <i>Journal of Applied Crystallography</i> , 2011, 44, 1297-1299.	4.5	1
81	Multi-lamellar vesicle formation in a long-chain nonionic surfactant: C16E4/D2O system. <i>Journal of Colloid and Interface Science</i> , 2011, 362, 1-4.	9.4	25
82	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.	13.7	117
83	Correlation between Morphology, Water Uptake, and Proton Conductivity in Radiation Grafted Proton Exchange Membranes. <i>Macromolecular Chemistry and Physics</i> , 2010, 211, 635-643.	2.2	39
84	Strain-induced internal fibrillation in looped aramid filaments. <i>Polymer</i> , 2010, 51, 4589-4598.	3.8	9
85	Analysing the nanoporous structure of aramid fibres. <i>Journal of Applied Crystallography</i> , 2010, 43, 837-849.	4.5	31
86	Correlation between Morphology, Water Uptake, and Proton Conductivity in Radiation Grafted Proton Exchange Membranes. <i>Materials Research Society Symposia Proceedings</i> , 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. <i>Biomacromolecules</i> , 2010, 11, 3571-3577.	5.4	75
88	Ordering fluctuations in a shear-banding wormlike micellar system. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 8856.	2.8	23
89	Reinvestigation of the Block Copolymer Modulated Lamellar Structure. <i>Macromolecules</i> , 2009, 42, 1685-1690.	4.8	9
90	Elastomers with Reversible Nanoporosity. <i>Macromolecules</i> , 2009, 42, 5636-5641.	4.8	9

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91	Structural characterization of radiation-grafted block copolymer films, using SANS technique. Journal of Polymer Science, Part B: Polymer Physics, 2008, 46, 1660-1668.	2.1	35
92	Micellar Structures of Hydrophilic/Lipophilic and Hydrophilic/Fluorophilic Poly(2-oxazoline) Diblock Copolymers in Water. Macromolecular Chemistry and Physics, 2008, 209, 2248-2258.	2.2	53
93	New sources and instrumentation for neutrons in biology. Chemical Physics, 2008, 345, 133-151.	1.9	53
94	Effects of PEO-PPG Diblock Impurities on the Cubic Structure of Aqueous PEO-PPG-PEO Pluronics Micelles: fcc and bcc Ordered Structures in F127. Macromolecules, 2008, 41, 1720-1727.	4.8	109
95	Virtual experiments: the ultimate aim of neutron ray-tracing simulations. Journal of Neutron Research, 2008, 16, 97-111.	1.1	24
96	Self-Assembly of Uracil-PAMAM Dendrimer Systems into Domains of Micrometer Length Scale. Macromolecules, 2007, 40, 1779-1781.	4.8	7
97	Block-Copolymer Micro-emulsion with Solvent-Induced Segregation. Langmuir, 2007, 23, 2117-2125.	3.5	13
98	Micellar structure of amphiphilic poly(2-oxazoline) diblock copolymers. Journal of Applied Crystallography, 2007, 40, s361-s362.	4.5	14
99	Shear Instability of a Gyroid Diblock Copolymer. Macromolecules, 2005, 38, 1286-1291.	4.8	17
100	Lamellar-to-Cubic Phase Change in Phospholipid Bilayer Systems Incorporated with Block Copolymers: DMPC and PEO-PPG-PEO (P85). Langmuir, 2005, 21, 1766-1775.	3.5	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.	1.6	6
102	SANS, SAXS, rheology and birefringence strengths and weaknesses in probing phase behaviour of a diblock copolymer. Physica B: Condensed Matter, 2004, 350, E885-E888.	2.7	2
103	Silica reinforced triblock copolymer gels. Polymer, 2004, 45, 1857-1865.	3.8	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.	2.1	18
105	SANS-II at SINQ: installation of the former Ris-Å-SANS facility. Physica B: Condensed Matter, 2004, 350, E783-E786.	2.7	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.	5.8	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.	3.5	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. <i>Journal of Physical Chemistry B</i> , 2002, 106, 2426-2428.	2.6	21
110	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.	4.8	76
111	Structure-Property Relations in Dendritic Polyelectrolyte Solutions at Different Ionic Strength. <i>Macromolecules</i> , 2002, 35, 827-833.	4.8	39
112	Progress in SANS studies of polymer systems (Panel Discussion). <i>Macromolecular Symposia</i> , 2002, 190, 185-200.	0.7	10
113	Flux line lattice symmetries in the borocarbide superconductor LuNi ₂ B ₂ C. <i>Pramana - Journal of Physics</i> , 2002, 58, 903-905.	1.8	2
114	Synthesis, Characterization, and Structural Investigations of Poly(ethyl acrylate)- <i>b</i> -polyisobutylene Bicomponent Conetwork. <i>Macromolecules</i> , 2001, 34, 1579-1585.	4.8	91
115	Packing states of multilamellar vesicles in a nonionic surfactant system. <i>Physical Chemistry Chemical Physics</i> , 2001, 3, 1310-1316.	2.8	37
116	Nonionic Amphiphilic Bilayer Structures under Shear. <i>Langmuir</i> , 2001, 17, 999-1008.	3.5	76
117	Abnormal Pressure Dependence of the Phase Boundaries in PEE- <i>b</i> -PDMS and PEP- <i>b</i> -PDMS Binary Homopolymer Blends and Diblock Copolymers. <i>Macromolecules</i> , 2001, 34, 1694-1706.	4.8	34
118	Blends of AB/BC Diblock Copolymers with a Large Interaction Parameter χ . <i>Macromolecules</i> , 2001, 34, 4907-4916.	4.8	29
119	Molecular Structure Characterization of Hyperbranched Polyesteramides. <i>Macromolecules</i> , 2001, 34, 3552-3558.	4.8	60
120	End Effects in Poly(styrene)/Poly(ethylene oxide) Copolymers. <i>Macromolecules</i> , 2001, 34, 1096-1104.	4.8	32
121	Nonionic Copolymer Surfactants. , 2001, , 6208-6213.		0
122	SANS study of surfactant ordering in λ -carrageenan/cetylpyridinium chloride complexes. <i>Polymer</i> , 2001, 42, 2907-2913.	3.8	36
123	Structural studies of lamellar surfactant systems under shear. <i>Current Opinion in Colloid and Interface Science</i> , 2001, 6, 140-145.	7.4	46
124	PEO-related block copolymer surfactants. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2001, 183-185, 277-292.	4.7	94
125	Structural Changes Induced in the Surfactant System C12E4/Benzyl Alcohol/Water by the Admixture of the Cationic Surfactant Cetylpyridinium Chloride. <i>Journal of Colloid and Interface Science</i> , 2001, 238, 251-258.	9.4	6
126	Structural properties of self-assembled polymeric aggregates in aqueous solutions. <i>Polymers for Advanced Technologies</i> , 2001, 12, 2-22.	3.2	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.	2.0	49
128	Flux Line Lattice Reorientation in the Borocarbide Superconductors with $Hf_{1-x}Y_x$. Physical Review Letters, 2001, 86, 320-323.	7.8	28
129	Temperature Dependence of the Flux Line Lattice Transition into Square Symmetry in Superconducting $LuNi_2B_2C$. Physical Review Letters, 2001, 86, 5148-5151.	7.8	52
130	Neutron Scattering Studies of The Flux Line Lattice and Magnetic Ordering in $TmNi_2B_2C$. , 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 $LuNi_2B_2C$: 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.	0.7	2
135	The influence of the morphology on the dynamics in ordered diblock copolymer melts. Macromolecular Symposia, 2000, 162, 275-290.	0.7	6
136	Influence of molecular stiffness on the dynamic structure factor. Macromolecular Symposia, 2000, 162, 221-226.	0.7	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.	4.5	5
138	Effect of planar extension on the structure and mechanical properties of polystyrene- ϵ -poly(ethylene-) Tj ETQq0 0 0 rgBT / Overlock 10	3.8	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.	2.7	3
140	Topological transformation of a surfactant bilayer. Physica B: Condensed Matter, 2000, 276-278, 379-380.	2.7	17
141	Composition fluctuations in homopolymer blends and diblock copolymers. Physica B: Condensed Matter, 2000, 276-278, 375-376.	2.7	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.	1.2	5
143	The bulk dynamics of a compositionally asymmetric diblock copolymer studied using dynamic light scattering. European Physical Journal E, 2000, 1, 275.	1.6	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.	0.7	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.	3.0	45
146	Reversible Thermal Gelation in Soft Spheres. Physical Review Letters, 2000, 85, 4072-4075.	7.8	87
147	Interwoven magnetic and flux line structures in single crystal (Tm,Er)Ni ₂ B ₂ C (invited). Journal of Applied Physics, 2000, 87, 5544-5548.	2.5	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)-poly(oxypropylene) block copolymers. Physical Chemistry Chemical Physics, 2000, 2, 1503-1507.	2.8	21
150	Shear-Induced Transition of Originally Undisturbed Lamellar Phase to Vesicle Phase. Langmuir, 2000, 16, 8653-8663.	3.5	84
151	Non-spherical micelles in an oil-in-water cubic phase. Physical Chemistry Chemical Physics, 2000, 2, 2951-2958.	2.8	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 in Lu(Ni _{1-x} Cox) ₂ B ₂ C: The Role of Nonlocality. Physical Review Letters, 1999, 82, 4082-4085.	7.8	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.	3.0	15
155	Effects of Magnetic Order on the Superconducting Length Scales and Critical Fields in Single Crystal ErNi ₂ B ₂ C. Physical Review Letters, 1999, 82, 1756-1759.	7.8	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.	7.8	40
157	Hysteresis in the field-induced magnetic structure in TmNi ₂ B ₂ C. Physica B: Condensed Matter, 1999, 259-261, 582-583.	2.7	6
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