

S M King

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8802111/publications.pdf>

Version: 2024-02-01

171
papers

5,043
citations

109264

35
h-index

118793

62
g-index

172
all docs

172
docs citations

172
times ranked

6702
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparing pH-responsive nanogel swelling in dispersion and inside a polyacrylamide gel using photoluminescence spectroscopy and small-angle neutron scattering. <i>Journal of Colloid and Interface Science</i> , 2022, 608, 378-385.	5.0	8
2	Quantitative Nanostructure and Hardness Evolution in Duplex Stainless Steels: Under Real Low-Temperature Service Conditions. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2022, 53, 723-735.	1.1	5
3	A guide to designing graphene-philic surfactants. <i>Journal of Colloid and Interface Science</i> , 2022, 620, 346-355.	5.0	2
4	Effect of Cooling Rate after Solution Treatment on Subsequent Phase Separation Evolution in Super Duplex Stainless Steel 25Cr-7Ni (wt.%). <i>Metals</i> , 2022, 12, 890.	1.0	4
5	Small-angle neutron scattering study on phase separation in a super duplex stainless steel at 300 Å°C “ Comparing hot-rolled and TIG welded material. <i>Materials Characterization</i> , 2022, 190, 112044.	1.9	4
6	Monolayer wall nanotubes self-assembled from short peptide bolaamphiphiles. <i>Journal of Colloid and Interface Science</i> , 2021, 583, 553-562.	5.0	23
7	Control of Particle Size in the Self-Assembly of Amphiphilic Statistical Copolymers. <i>Macromolecules</i> , 2021, 54, 1425-1440.	2.2	13
8	Fabrication and application of composite adsorbents made by one-pot electrochemical exfoliation of graphite in surfactant ionic liquid/nanocellulose mixtures. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 19313-19328.	1.3	4
9	Apparatus for simultaneous dynamic light scattering “small angle neutron scattering investigations of dynamics and structure in soft matter. <i>Review of Scientific Instruments</i> , 2021, 92, 023907.	0.6	12
10	Structural Disruptions of the Outer Membranes of Gram-Negative Bacteria by Rationally Designed Amphiphilic Antimicrobial Peptides. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 16062-16074.	4.0	39
11	Self-assembly of ionic and non-ionic surfactants in type IV cerium nitrate and urea based deep eutectic solvent. <i>Journal of Chemical Physics</i> , 2021, 155, 084902.	1.2	11
12	Small-angle neutron scattering from CuCrZr coupons and components. <i>Journal of Applied Crystallography</i> , 2021, 54, 1394-1402.	1.9	0
13	Graded Morphologies and the Performance of PffBT4T-2OD:PC71BM Devices Using Additive Choice. <i>Nanomaterials</i> , 2021, 11, 3367.	1.9	1
14	Electrochemical exfoliation of graphite in nanofibrillated kenaf cellulose (NFC)/surfactant mixture for the development of conductive paper. <i>Carbohydrate Polymers</i> , 2020, 228, 115376.	5.1	10
15	Impact of 1,8-diiodooctane on the morphology of organic photovoltaic (OPV) devices “ A Small Angle Neutron Scattering (SANS) study. <i>Polymer Testing</i> , 2020, 82, 106305.	2.3	4
16	Ordered Nanofibers Fabricated from Hierarchical Self-Assembling Processes of Designed ± Helical Peptides. <i>Small</i> , 2020, 16, e2003945.	5.2	11
17	How do Self-Assembling Antimicrobial Lipopeptides Kill Bacteria?. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 55675-55687.	4.0	35
18	Controlling the structures of organic semiconductor “quantum dot nanocomposites through ligand shell chemistry. <i>Soft Matter</i> , 2020, 16, 7970-7981.	1.2	4

#	ARTICLE	IF	CITATIONS
19	Improved Performance and Stability of Organic Solar Cells by the Incorporation of a Block Copolymer Interfacial Layer. <i>Advanced Materials Interfaces</i> , 2020, 7, 2000918.	1.9	1
20	Biogeochemical and climate drivers of wetland phosphorus and nitrogen release: Implications for nutrient legacies and eutrophication risk. <i>Journal of Environmental Quality</i> , 2020, 49, 1703-1716.	1.0	24
21	Highly branched triple-chain surfactant-mediated electrochemical exfoliation of graphite to obtain graphene oxide: colloidal behaviour and application in water treatment. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 12732-12744.	1.3	8
22	Small-angle neutron scattering quantification of phase separation and the corresponding embrittlement of a super duplex stainless steel after long-term aging at 300°C. <i>Materialia</i> , 2020, 12, 100771.	1.3	8
23	Nuclear and magnetic small-angle neutron scattering in self-organizing nanostructured Fe ¹ Cr alloys. <i>Materials Characterization</i> , 2020, 164, 110347.	1.9	3
24	Conformational Transitions of Dynamic Polymer Chains Induced by Colloidal Particles in Dilute Solution. <i>Macromolecules</i> , 2020, 53, 3052-3058.	2.2	4
25	Ligand Shell Structure in Lead Sulfide "Oleic Acid Colloidal Quantum Dots Revealed by Small-Angle Scattering. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 4713-4719.	2.1	32
26	How does solubilisation of plant waxes into nonionic surfactant micelles affect pesticide release?. <i>Journal of Colloid and Interface Science</i> , 2019, 556, 650-657.	5.0	11
27	Branched alkyldimethylamine oxide surfactants: An effective strategy for the design of high concentration/low viscosity surfactant formulations. <i>Journal of Colloid and Interface Science</i> , 2019, 552, 448-463.	5.0	22
28	Surfactant modulated interactions of hydrophobically modified ethoxylated urethane (HEUR) polymers with penetrable surfaces. <i>Journal of Colloid and Interface Science</i> , 2019, 552, 9-16.	5.0	4
29	Surfactants with aromatic headgroups for optimizing properties of graphene/natural rubber latex composites (NRL): Surfactants with aromatic amine polar heads. <i>Journal of Colloid and Interface Science</i> , 2019, 545, 184-194.	5.0	14
30	Evolution of dispersion in the melt compounding of a model polymer nanocomposite system: A multi-scale study. <i>Polymer Testing</i> , 2019, 76, 109-118.	2.3	3
31	Nanostructure, microstructure and mechanical properties of duplex stainless steels 25Cr-7 Ni and 22Cr-5Ni (wt.%) aged at 325°C. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2019, 754, 512-520.	2.6	24
32	What happens when pesticides are solubilized in nonionic surfactant micelles. <i>Journal of Colloid and Interface Science</i> , 2019, 541, 175-182.	5.0	31
33	Controlling the Diameters of Nanotubes Self-Assembled from Designed Peptide Bolophiles. <i>Small</i> , 2018, 14, e1703216.	5.2	45
34	Temperature-dependent structure and dynamics of highly-branched poly(<i>N</i> -isopropylacrylamide) in aqueous solution. <i>Soft Matter</i> , 2018, 14, 1482-1491.	1.2	6
35	Effect of heat treatment above the miscibility gap on nanostructure formation due to spinodal decomposition in Fe-52.85 at.%Cr. <i>Acta Materialia</i> , 2018, 145, 347-358.	3.8	34
36	Phosphorus and nitrogen limitation and impairment of headwater streams relative to rivers in Great Britain: A national perspective on eutrophication. <i>Science of the Total Environment</i> , 2018, 621, 849-862.	3.9	113

#	ARTICLE	IF	CITATIONS
37	Rational design of aromatic surfactants for graphene/natural rubber latex nanocomposites with enhanced electrical conductivity. <i>Journal of Colloid and Interface Science</i> , 2018, 516, 34-47.	5.0	41
38	An addressable packing parameter approach for reversibly tuning the assembly of oligo(aniline)-based supra-amphiphiles. <i>Chemical Science</i> , 2018, 9, 4392-4401.	3.7	18
39	“Dressing up” an Old Drug: An Aminoacyl Lipid for the Functionalization of Ru(III)-Based Anticancer Agents. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 163-174.	2.6	16
40	Spin isomers in the ISIS TS1 cryogenic hydrogen moderator. <i>Journal of Physics: Conference Series</i> , 2018, 1021, 012057.	0.3	2
41	Highly-ordered onion micelles made from amphiphilic highly-branched copolymers. <i>Polymer Chemistry</i> , 2018, 9, 5617-5629.	1.9	3
42	Nanoribbons self-assembled from short peptides demonstrate the formation of polar zippers between β -sheets. <i>Nature Communications</i> , 2018, 9, 5118.	5.8	89
43	Does 1,8-diiodooctane affect the aggregation state of PC ₇₁ BM in solution?. <i>Royal Society Open Science</i> , 2018, 5, 180937.	1.1	7
44	Coupling High-Frequency Stream Metabolism and Nutrient Monitoring to Explore Biogeochemical Controls on Downstream Nitrate Delivery. <i>Environmental Science & Technology</i> , 2018, 52, 13708-13717.	4.6	32
45	Studying the interaction of hydrophobically modified ethoxylated urethane (HEUR) polymers with sodium dodecylsulfate (SDS) in concentrated polymer solutions. <i>Journal of Colloid and Interface Science</i> , 2018, 529, 588-598.	5.0	5
46	Structural evolution in metallomicroemulsions – the effect of increasing alcohol hydrophobicity. <i>Dalton Transactions</i> , 2018, 47, 14211-14217.	1.6	2
47	Unlocking Structure – Self-Assembly Relationships in Cationic Azobenzene Photosurfactants. <i>Langmuir</i> , 2018, 34, 10123-10134.	1.6	33
48	Interplay of Thermosensitivity and pH Sensitivity of Amphiphilic Block – Gradient Copolymers of Dimethylaminoethyl Acrylate and Styrene. <i>Macromolecules</i> , 2018, 51, 5219-5233.	2.2	19
49	Preparation of conductive cellulose paper through electrochemical exfoliation of graphite: The role of anionic surfactant ionic liquids as exfoliating and stabilizing agents. <i>Carbohydrate Polymers</i> , 2018, 201, 48-59.	5.1	15
50	Self-assembly and surface behaviour of pure and mixed zwitterionic amphiphiles in a deep eutectic solvent. <i>Soft Matter</i> , 2018, 14, 5525-5536.	1.2	30
51	Characterisation of nanovoiding in dental porcelain using small angle neutron scattering and transmission electron microscopy. <i>Dental Materials</i> , 2017, 33, 486-497.	1.6	5
52	A Journey along the Extruder with Polystyrene: C ₆₀ Nanocomposites: Convergence of Feeding Formulations into a Similar Nanomorphology. <i>Macromolecules</i> , 2017, 50, 3301-3312.	2.2	8
53	pH dependent photocatalytic hydrogen evolution by self-assembled perylene bisimides. <i>Journal of Materials Chemistry A</i> , 2017, 5, 7555-7563.	5.2	39
54	Understanding and controlling morphology evolution via DIO plasticization in PffBT4T-2OD/PC71BM devices. <i>Scientific Reports</i> , 2017, 7, 44269.	1.6	47

#	ARTICLE	IF	CITATIONS
55	Optimising low molecular weight hydrogels for automated 3D printing. <i>Soft Matter</i> , 2017, 13, 8426-8432.	1.2	60
56	A self-assembly toolbox for thiophene-based conjugated polyelectrolytes: surfactants, solvent and copolymerisation. <i>Nanoscale</i> , 2017, 9, 17481-17493.	2.8	14
57	Inorganic carbon dominates total dissolved carbon concentrations and fluxes in British rivers: Application of the THINCARB model – Thermodynamic modelling of inorganic carbon in freshwaters. <i>Science of the Total Environment</i> , 2017, 575, 496-512.	3.9	32
58	Effect of cooling rate after solution treatment on subsequent phase separation during aging of Fe-Cr alloys: A small-angle neutron scattering study. <i>Acta Materialia</i> , 2017, 134, 221-229.	3.8	29
59	Tuning One-Dimensional Nanostructures of Bola-Like Peptide Amphiphiles by Varying the Hydrophilic Amino Acids. <i>Chemistry - A European Journal</i> , 2016, 22, 11394-11404.	1.7	28
60	Tuning self-assembled morphology of the A ¹² (16 ²²) peptide by substitution of phenylalanine residues. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 147, 116-123.	2.5	13
61	Controlling Visible Light Driven Photoconductivity in Self-Assembled Perylene Bisimide Structures. <i>Journal of Physical Chemistry C</i> , 2016, 120, 18479-18486.	1.5	40
62	Structural Characterization of Phase Separation in Fe-Cr: A Current Comparison of Experimental Methods. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2016, 47, 5942-5952.	1.1	25
63	Phase behavior of blends of PCBM with amorphous polymers with different aromaticity. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2016, 54, 994-1001.	2.4	18
64	Quantifying the micellar structure formed from hydrocarbon-fluorocarbon surfactants. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 492, 255-262.	2.3	5
65	Extrinsic Wrinkling and Single Exfoliated Sheets of Graphene Oxide in Polymer Composites. <i>Chemistry of Materials</i> , 2016, 28, 1698-1704.	3.2	26
66	Distortion of Chain Conformation and Reduced Entanglement in Polymer-Graphene Oxide Nanocomposites. <i>ACS Macro Letters</i> , 2016, 5, 430-434.	2.3	39
67	Atomistic modelling of scattering data in the Collaborative Computational Project for Small Angle Scattering (CCP-SAS). <i>Journal of Applied Crystallography</i> , 2016, 49, 1861-1875.	1.9	67
68	Using the hydrolysis of anhydrides to control gel properties and homogeneity in pH-triggered gelation. <i>RSC Advances</i> , 2015, 5, 95369-95378.	1.7	32
69	Exploring controls on the fate of PVP-capped silver nanoparticles in primary wastewater treatment. <i>Environmental Science: Nano</i> , 2015, 2, 177-190.	2.2	11
70	Probing competitive interactions in quaternary formulations. <i>Journal of Colloid and Interface Science</i> , 2015, 454, 35-43.	5.0	8
71	Temperature- and pH-Dependent Shattering: Insoluble Fatty Ammonium Phosphate Films at Water-Oil Interfaces. <i>Langmuir</i> , 2015, 31, 9312-9324.	1.6	19
72	Early stages of spinodal decomposition in Fe-Cr resolved by in-situ small-angle neutron scattering. <i>Applied Physics Letters</i> , 2015, 106, 061911.	1.5	20

#	ARTICLE	IF	CITATIONS
73	Solution scattering studies of the hierarchical assembly of porphyrin trimers based on benzene triscarboxamide. <i>Soft Matter</i> , 2014, 10, 9688-9694.	1.2	4
74	Origin of mechanical modifications in poly (ether ether ketone)/carbon nanotube composite. <i>Journal of Applied Physics</i> , 2014, 115, .	1.1	5
75	Construction and physicochemical characterisation of a multi-composite, potential oral vaccine delivery system (VDS). <i>International Journal of Pharmaceutics</i> , 2014, 468, 264-271.	2.6	6
76	pH-induced size changes in solutions of cholesteric liquid- crystal polymers studied by SANS. <i>Journal of Physics: Conference Series</i> , 2014, 554, 012011.	0.3	3
77	Characterization of Polymer Adsorption onto Drug Nanoparticles Using Depletion Measurements and Small-Angle Neutron Scattering. <i>Molecular Pharmaceutics</i> , 2013, 10, 4146-4158.	2.3	26
78	A study of the porosity of nuclear graphite using small-angle neutron scattering. <i>Carbon</i> , 2013, 64, 20-26.	5.4	17
79	The influence of the kinetics of self-assembly on the properties of dipeptide hydrogels. <i>Faraday Discussions</i> , 2013, 166, 101.	1.6	55
80	Chemically programmed self-sorting of gelator networks. <i>Nature Communications</i> , 2013, 4, 1480.	5.8	230
81	Long-Range Diffusion in Xylitol-Water Mixtures. <i>Journal of Physical Chemistry B</i> , 2013, 117, 7363-7369.	1.2	6
82	The use of small angle neutron scattering with contrast matching and variable adsorbate partial pressures in the study of porosity in activated carbons. <i>Carbon</i> , 2012, 50, 5062-5075.	5.4	23
83	Exploring How Organic Matter Controls Structural Transformations in Natural Aquatic Nanocolloidal Dispersions. <i>Environmental Science & Technology</i> , 2012, 46, 6959-6967.	4.6	30
84	Tuneable mechanical properties in low molecular weight gels. <i>Soft Matter</i> , 2011, 7, 9721.	1.2	80
85	Solution scattering studies on a virus capsid protein as a building block for nanoscale assemblies. <i>Soft Matter</i> , 2011, 7, 11380.	1.2	12
86	Responsive hybrid block co-polymer conjugates of proteins-controlled architecture to modulate substrate specificity and solution behaviour. <i>Polymer Chemistry</i> , 2011, 2, 1567.	1.9	52
87	Conformational consequences of cooperative binding of a coiled-coil peptide motif to poly(N-(2-hydroxypropyl) methacrylamide) HPMA copolymers. <i>Journal of Controlled Release</i> , 2011, 153, 173-179.	4.8	15
88	Polymeric micelle disruption by cosolvents and anionic surfactants. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2011, 391, 88-94.	2.3	8
89	Impact of polymer tacticity on the physico-chemical behaviour of polymers proposed as therapeutics. <i>International Journal of Pharmaceutics</i> , 2011, 408, 213-222.	2.6	24
90	Small Angle Neutron Scattering Using Sans2d. <i>Neutron News</i> , 2011, 22, 19-21.	0.1	110

#	ARTICLE	IF	CITATIONS
91	The XIV Triennial International Conference on Small-Angle Scattering (SAS-2009). Powder Diffraction, 2010, 25, 79-80.	0.4	0
92	Just scratching the surface? New techniques show how surface functionality of nanoparticles influences their environmental fate. Nano Today, 2010, 5, 248-250.	6.2	21
93	Time-Resolved Small-Angle Neutron Scattering as a Tool for Studying Controlled Release from Liposomes using Polymer-Enzyme Conjugates. Macromolecular Rapid Communications, 2010, 31, 1685-1690.	2.0	11
94	Interaction of an Endosomolytic Polyamidoamine ISA23 with Vesicles Mimicking Intracellular Membranes: A SANS/EPR Study. Macromolecular Bioscience, 2010, 10, 963-973.	2.1	6
95	Apparatus for simultaneous rheology and small-angle neutron scattering from high-viscosity polymer melts and blends. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 620, 437-444.	0.7	5
96	Gelation or molecular recognition; is the $\text{bis}(\text{1,2-dihydroxy ester})$ motif an omnigelator?. Beilstein Journal of Organic Chemistry, 2010, 6, 1079-1088.	1.3	9
97	Determination of the translational order parameter for smectic liquid crystals using small-angle neutron scattering. Liquid Crystals, 2010, 37, 961-968.	0.9	11
98	PGSE-NMR and SANS Studies of the Interaction of Model Polymer Therapeutics with Mucin. Biomacromolecules, 2010, 11, 120-125.	2.6	36
99	A contrast variation small-angle scattering study of the microstructure of 2,5-dimethyl-7-hydroxy-2,5-diazaheptadecane-toluene-butanol oil-in-water metallomicroemulsions. Soft Matter, 2010, 6, 2552.	1.2	2
100	Structure, rheology and shear alignment of Pluronic block copolymer mixtures. Journal of Colloid and Interface Science, 2009, 329, 54-61.	5.0	60
101	Fate of Silica Nanoparticles in Simulated Primary Wastewater Treatment. Environmental Science & Technology, 2009, 43, 8622-8628.	4.6	127
102	Self-Assembling Chiral Gelators for Fluorinated Media. Langmuir, 2009, 25, 8678-8684.	1.6	12
103	Spontaneous symmetry breaking: formation of Janus micelles. Soft Matter, 2009, 5, 999-1005.	1.2	74
104	Self-Assembly of Peptide Nanotubes in an Organic Solvent. Langmuir, 2008, 24, 8158-8162.	1.6	124
105	Physicochemical Characterization of Thermoresponsive Poly(N-isopropylacrylamide)-poly(ethylene Terephthalate) Block Copolymer. Journal of Polymer Science: Part B: Polymer Physics, 2008, 46, 2684-2694.	0.784314	25
106	Studies on the Mechanism of Interaction of a Bioresponsive Endosomolytic Polyamidoamine with Interfaces. 1. Micelles as Model Surfaces. Biomacromolecules, 2007, 8, 1004-1012.	2.6	22
107	Small-Angle Neutron Scattering Study of Natural Aquatic Nanocolloids. Environmental Science & Technology, 2007, 41, 2868-2873.	4.6	33
108	Derivatizing weak polyelectrolytes: Solution properties, self-aggregation, and association with anionic surfaces of hydrophobically modified poly(ethylene imine). Journal of Colloid and Interface Science, 2007, 314, 460-469.	5.0	16

#	ARTICLE	IF	CITATIONS
109	Upper Critical Solution Temperature Phase Behavior, Composition Fluctuations, and Complex Formation in Poly (Vinyl Methyl Ether)/D ₂ O Solutions: A Small-Angle Neutron-Scattering Experiments and Wertheim Lattice Thermodynamic Perturbation Theory Predictions. <i>Journal of Physical Chemistry B</i> , 2006, 110, 5321-5329.	1.2	32
110	Characterising the size and shape of polyamidoamines in solution as a function of pH using neutron scattering and pulsed-gradient spin-echo NMR. <i>International Journal of Pharmaceutics</i> , 2006, 317, 175-186.	2.6	27
111	Physical ageing studies of poly(ethylene terephthalate) using SANS and DSC. <i>Physica B: Condensed Matter</i> , 2006, 385-386, 514-516.	1.3	4
112	Double-Faced Micelles from Water-Soluble Polymers. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 6673-6676.	7.2	174
113	Thermo-responsive Poly(methyl methacrylate)-block-poly(N-isopropylacrylamide) Block Copolymers Synthesized by RAFT Polymerization: Micellization and Gelation. <i>Macromolecular Chemistry and Physics</i> , 2006, 207, 1718-1726.	1.1	85
114	Microstructural characterisation of surfactant treated nylon fibres. <i>Polymer</i> , 2005, 46, 11424-11434.	1.8	5
115	Polyoxyalkylene block copolymers adsorbed in hydrocarbon and fluorocarbon oil-in-water emulsions. <i>Physical Chemistry Chemical Physics</i> , 2005, 7, 143.	1.3	8
116	Real-Time Neutron Scattering Study of Transient Phases in Polymer Crystallization. <i>Macromolecules</i> , 2005, 38, 7201-7204.	2.2	25
117	Composition Fluctuations, Phase Behavior, and Complex Formation in Poly(vinyl methyl ether)/D ₂ O Investigated by Small-Angle Neutron Scattering. <i>Macromolecules</i> , 2005, 38, 915-924.	2.2	30
118	Segmented Polyurethane Nanocomposites: A Impact of Controlled Particle Size Nanofillers on the Morphological Response to Uniaxial Deformation. <i>Macromolecules</i> , 2005, 38, 7386-7396.	2.2	106
119	Giant Micellar Worms under Shear: A Rheological Study Using SANS. <i>Langmuir</i> , 2005, 21, 6762-6768.	1.6	103
120	New Functionality in CORFUNC. <i>Fibre Diffraction Review</i> , 2005, 13, 19-22.	0.6	1
121	Variegated Micelle Surfaces: A Correlating the Microstructure of Mixed Surfactant Micelles with Bulk Solution Properties. <i>Langmuir</i> , 2004, 20, 7313-7322.	1.6	8
122	The Structure of Metallomicelles. <i>Chemistry - A European Journal</i> , 2004, 10, 2022-2028.	1.7	55
123	Small-Angle Neutron Scattering, Electron Paramagnetic Resonance, Electrophoretic NMR, and Time-Resolved Fluorescence Quenching Studies of Sodium Dodecyl Sulfate and Tetra(ethylene oxide) Dodecyl Ether Mixed Surfactant Micelles. <i>Journal of Physical Chemistry B</i> , 2004, 108, 1351-1356.	1.2	21
124	Effect of Ethanol on the Interaction between Poly(vinylpyrrolidone) and Sodium Dodecyl Sulfate. <i>Langmuir</i> , 2004, 20, 6904-6913.	1.6	67
125	Interaction between a Partially Fluorinated Alkyl Sulfate and Gelatin in Aqueous Solution. <i>Langmuir</i> , 2004, 20, 1161-1167.	1.6	35
126	Understanding the Mechanism of Action of Poly(amidoamine)s as Endosomolytic Polymers: A Correlation of Physicochemical and Biological Properties. <i>Biomacromolecules</i> , 2004, 5, 1422-1427.	2.6	59

#	ARTICLE	IF	CITATIONS
127	Facility Report on ISIS, with a brief Introduction to Neutron Scattering. Fibre Diffraction Review, 2004, 12, 15.	0.6	1
128	Molecular characterization of a hyperbranched polyester. II. Small-angle neutron scattering. Journal of Polymer Science, Part B: Polymer Physics, 2003, 41, 1352-1361.	2.4	16
129	Small-Angle Neutron Scattering from Peptide Nematic Fluids and Hydrogels under Shear. Langmuir, 2003, 19, 4940-4949.	1.6	15
130	Core-Shell Structure of PLA-PEG Nanoparticles Used for Drug Delivery. Langmuir, 2003, 19, 8428-8435.	1.6	135
131	SANS from adsorbed polymer layers. Macromolecular Symposia, 2002, 190, 33-42.	0.4	9
132	α , β -Trehalose-Water Solutions VI. A View of the Structural and Dynamical Properties of O ² G Micelles in the Presence of Trehalose. Journal of Physical Chemistry B, 2002, 106, 6954-6960.	1.2	5
133	Electron Paramagnetic Resonance and Small-Angle Neutron Scattering Studies of Mixed Sodium Dodecyl Sulfate and (Tetradecylmalono)bis(N-methylglucamide) Surfactant Micelles. Langmuir, 2002, 18, 1065-1072.	1.6	25
134	Progress in SANS studies of polymer systems (Panel Discussion). Macromolecular Symposia, 2002, 190, 185-200.	0.4	10
135	Bridging Flocculation in Vermiculite-PEO Mixtures. Langmuir, 2001, 17, 3800-3812.	1.6	34
136	Small angle neutron scattering study of SPBT/PC blends. Polymer, 2001, 42, 1679-1690.	1.8	14
137	Transesterification in polyethylene terephthalate-polyethylene naphthalene-2,6-dicarboxylate mixtures: a comparison of small-angle neutron scattering with NMR. Polymer, 2001, 42, 7695-7700.	1.8	13
138	Preliminary experiments on apparatus for in situ studies of microwave-driven reactions by small angle neutron scattering. Review of Scientific Instruments, 2001, 72, 173-176.	0.6	29
139	Polymer bristles: a SANS study. Journal of Applied Crystallography, 2000, 33, 664-668.	1.9	3
140	Influence of temperature and composition on the small-angle neutron scattering from polydiene star diblock copolymers and mixtures with homopolymers. Polymer, 2000, 41, 2557-2567.	1.8	4
141	Neutron and X-ray scattering studies of ionomer blends. Physica B: Condensed Matter, 2000, 276-278, 911-913.	1.3	0
142	Polymer Bristles: Adsorption of Low Molecular Weight Poly(oxyethylene)-Poly(oxybutylene) Diblock Copolymers on a Perfluorocarbon Emulsion. Macromolecules, 2000, 33, 1289-1297.	2.2	12
143	Freezing Experiments on Clay Gels. Langmuir, 2000, 16, 5562-5567.	1.6	7
144	Transesterification in Poly(ethylene terephthalate). Molecular Weight and End Group Effects. Macromolecules, 2000, 33, 2981-2988.	2.2	22

#	ARTICLE	IF	CITATIONS
145	Small angle neutron scattering investigation of transesterification in Poly(ethylene Terephthalate) / Poly(ethylene Glycol) Block Copolymer. <i>Journal of Applied Crystallography</i> , 1999, 32, 1079-1084.	1.8	15
146	Poly(NIPAM) microgel particle de-swelling: a light scattering and small-angle neutron scattering study. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1999, 152, 327-333.	2.3	121
147	Small-Angle Neutron Scattering and Fluorescence Studies of Mixed Surfactants with Dodecyl Tails. <i>Journal of Colloid and Interface Science</i> , 1999, 215, 114-123.	5.0	56
148	Role of Copolymer Architecture on Adsorption at the Solid/Liquid Interface. <i>Langmuir</i> , 1998, 14, 1779-1785.	1.6	16
149	A Small-Angle Neutron-Scattering Study of Shear-Induced Ordering in the Cubic Phase of a Block Copolymer Gel. <i>Langmuir</i> , 1998, 14, 3182-3186.	1.6	33
150	Neutron Scattering Study of Vermiculite~PEO Mixtures. <i>Journal of Physical Chemistry B</i> , 1998, 102, 6804-6808.	1.2	13
151	A small angle neutron scattering study of the conformation of a side chain liquid crystal poly(methacrylate) in the smectic C phase. <i>Liquid Crystals</i> , 1997, 22, 679-684.	0.9	13
152	Effect of Electrolytes and Temperature on the Structure of a Poly(ethylene oxide)~Poly(propylene Glycol) Block Copolymer. <i>Journal of Applied Crystallography</i> , 1997, 30, 4545-4550.	1.6	25
153	Neutron Scattering from a Poly(oxyethylene)~Poly(oxypropylene)~Poly(oxyethylene) Copolymer in Dilute Aqueous Solution under Shear Flow. <i>Macromolecules</i> , 1997, 30, 6215-6222.	2.2	56
154	SANS at Pulsed Neutron Sources: Present and Future Prospects. <i>Journal of Applied Crystallography</i> , 1997, 30, 1140-1147.	1.9	282
155	Temperature dependence of chain conformations in a model block copolyurethane. <i>Polymer</i> , 1997, 38, 371-379.		9
156	Structure of Block Copolymers Adsorbed to Perfluorocarbon Emulsions. <i>The Journal of Physical Chemistry</i> , 1996, 100, 7603-7609.	2.9	33
157	Microstructural characterization of Fe ₈₀ B ₂₀ eutectic spherulites by small-angle neutron scattering and transmission electron microscopy. <i>Journal of Applied Physics</i> , 1996, 79, 2296-2301.	1.1	12
158	The adsorption of polystyrene saturated-polydiene block copolymers on silica substrates. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1996, 108, 159-171.	2.3	5
159	Poiseuille geometry shear flow apparatus for small-angle scattering experiments. <i>Review of Scientific Instruments</i> , 1996, 67, 3158-3163.	0.6	17
160	Isotopic labelling and composition dependence of interaction parameters in polyethylene oxide/polymethyl methacrylate blends. <i>Polymer</i> , 1995, 36, 3523-3531.	1.8	47
161	Calorimetric and small-angle neutron scattering investigation of an ethylene-vinyl acetate blend. <i>Polymer</i> , 1995, 36, 4245-4252.	1.8	4
162	Free Chains Trapped in a Swollen Gel Under Different Solvent Conditions. <i>Macromolecules</i> , 1995, 28, 678-681.	2.2	18

#	ARTICLE	IF	CITATIONS
163	The Sol Concentration Effect in n-Butylammonium Vermiculite Swelling. <i>Clays and Clay Minerals</i> , 1994, 42, 614-627.	0.6	28
164	Neutron scattering experiments on magnetically aligned liquid crystalline DNA fragment solutions. <i>Liquid Crystals</i> , 1994, 17, 263-276.	0.9	18
165	Thermodynamics of isotopic mixtures of syndiotactic poly(methyl methacrylate) from small-angle neutron scattering. <i>Polymer</i> , 1994, 35, 1722-1729.	1.8	13
166	A dynamical Monte Carlo model of polymer adsorption. <i>Macromolecules</i> , 1993, 26, 5414-5422.	2.2	14
167	Fourier Transform Infrared Spectroscopy and Monte Carlo studies on the dynamics of physisorbing and chemisorbing polymers. <i>Langmuir</i> , 1992, 8, 2206-2209.	1.6	15
168	Small-angle neutron scattering from non-crystalline materials on a pulsed neutron source. <i>Journal of Non-Crystalline Solids</i> , 1992, 150, 153-156.	1.5	1
169	A neutron scattering investigation of the transesterification of a main-chain aromatic polyester. <i>Macromolecules</i> , 1991, 24, 6164-6167.	2.2	53
170	Cylindrical structure and flexibility of polymerlike lecithin reverse micelles. <i>The Journal of Physical Chemistry</i> , 1991, 95, 4173-4176.	2.9	121
171	New Optical Setup for In Situ DLS-SANS Measurements on Soft Matter. <i>Neutron News</i> , 0, , 1-2.	0.1	0