S M King

List of Publications by Year
in descending order

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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	SANS at Pulsed Neutron Sources: Present and Future Prospects. Journal of Applied Crystallography, 1997, 30, 1140-1147.	1.9	282
2	Chemically programmed self-sorting of gelator networks. Nature Communications, 2013, 4, 1480.	5.8	230
3	Double-Faced Micelles from Water-Soluble Polymers. Angewandte Chemie - International Edition, 2006, 45, 6673-6676.	7.2	174
4	Coreâ^'Shell Structure of PLAâ^'PEG Nanoparticles Used for Drug Delivery. Langmuir, 2003, 19, 8428-8435.	1.6	135
5	Fate of Silica Nanoparticles in Simulated Primary Wastewater Treatment. Environmental Science & Technology, 2009, 43, 8622-8628.	4.6	127
6	Self-Assembly of Peptide Nanotubes in an Organic Solvent. Langmuir, 2008, 24, 8158-8162.	1.6	124
7	Cylindrical structure and flexibility of polymerlike lecithin reverse micelles. The Journal of Physical Chemistry, 1991, 95, 4173-4176.	2.9	121
8	Poly(NIPAM) microgel particle de-swelling: a light scattering and small-angle neutron scattering study. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 1999, 152, 327-333.	2.3	121
9	Phosphorus and nitrogen limitation and impairment of headwater streams relative to rivers in Great Britain: A national perspective on eutrophication. Science of the Total Environment, 2018, 621, 849-862.	3.9	113
10	Small Angle Neutron Scattering Using Sans2d. Neutron News, 2011, 22, 19-21.	0.1	110
11	Segmented Polyurethane Nanocomposites:Â Impact of Controlled Particle Size Nanofillers on the Morphological Response to Uniaxial Deformation. Macromolecules, 2005, 38, 7386-7396.	2.2	106
12	Giant Micellar Worms under Shear:Â A Rheological Study Using SANS. Langmuir, 2005, 21, 6762-6768.	1.6	103
13	Nanoribbons self-assembled from short peptides demonstrate the formation of polar zippers between Î²-sheets. Nature Communications, 2018, 9, 5118.	5.8	89
14	Thermo-responsive Poly(methyl methacrylate)-block-poly(N-isopropylacrylamide) Block Copolymers Synthesized by RAFT Polymerization: Micellization and Gelation. Macromolecular Chemistry and Physics, 2006, 207, 1718-1726.	1.1	85
15	Tuneable mechanical properties in low molecular weight gels. Soft Matter, 2011, 7, 9721.	1.2	80
16	Spontaneous symmetry breaking: formation of Janus micelles. Soft Matter, 2009, 5, 999-1005.	1.2	74
17	Effect of Ethanol on the Interaction between Poly(vinylpyrrolidone) and Sodium Dodecyl Sulfate. Langmuir, 2004, 20, 6904-6913.	1.6	67
18	Atomistic modelling of scattering data in the Collaborative Computational Project for Small Angle Scattering (CCP-SAS). Journal of Applied Crystallography, 2016, 49, 1861-1875.	1.9	67

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19	Structure, rheology and shear alignment of Pluronic block copolymer mixtures. Journal of Colloid and Interface Science, 2009, 329, 54-61.	5.0	60
20	Optimising low molecular weight hydrogels for automated 3D printing. Soft Matter, 2017, 13, 8426-8432.	1.2	60
21	Understanding the Mechanism of Action of Poly(amidoamine)s as Endosomolytic Polymers:Â Correlation of Physicochemical and Biological Properties. Biomacromolecules, 2004, 5, 1422-1427.	2.6	59
22	Neutron Scattering from a Poly(oxyethylene)â^'Poly(oxypropylene)â^'Poly(oxyethylene) Copolymer in Dilute Aqueous Solution under Shear Flow. Macromolecules, 1997, 30, 6215-6222.	2.2	56
23	Small-Angle Neutron Scattering and Fluorescence Studies of Mixed Surfactants with Dodecyl Tails. Journal of Colloid and Interface Science, 1999, 215, 114-123.	5.0	56
24	The Structure of Metallomicelles. Chemistry - A European Journal, 2004, 10, 2022-2028.	1.7	55
25	The influence of the kinetics of self-assembly on the properties of dipeptide hydrogels. Faraday Discussions, 2013, 166, 101.	1.6	55
26	A neutron scattering investigation of the transesterification of a main-chain aromatic polyester. Macromolecules, 1991, 24, 6164-6167.	2.2	53
27	Responsive hybrid block co-polymer conjugates of proteinsâ€“controlled architecture to modulate substrate specificity and solution behaviour. Polymer Chemistry, 2011, 2, 1567.	1.9	52
28	Isotopic labelling and composition dependence of interaction parameters in polyethylene oxide/polymethyl methacrylate blends. Polymer, 1995, 36, 3523-3531.	1.8	47
29	Understanding and controlling morphology evolution via DIO plasticization in PffBT4T-2OD/PC71BM devices. Scientific Reports, 2017, 7, 44269.	1.6	47
30	Controlling the Diameters of Nanotubes Selfâ€Assembled from Designed Peptide Bolaphiles. Small, 2018, 14, e1703216.	5.2	45
31	Rational design of aromatic surfactants for graphene/natural rubber latex nanocomposites with enhanced electrical conductivity. Journal of Colloid and Interface Science, 2018, 516, 34-47.	5.0	41
32	Controlling Visible Light Driven Photoconductivity in Self-Assembled Perylene Bisimide Structures. Journal of Physical Chemistry C, 2016, 120, 18479-18486.	1.5	40
33	Distortion of Chain Conformation and Reduced Entanglement in Polymerâ€“Graphene Oxide Nanocomposites. ACS Macro Letters, 2016, 5, 430-434.	2.3	39
34	pH dependent photocatalytic hydrogen evolution by self-assembled perylene bisimides. Journal of Materials Chemistry A, 2017, 5, 7555-7563.	5.2	39
35	Structural Disruptions of the Outer Membranes of Gram-Negative Bacteria by Rationally Designed Amphiphilic Antimicrobial Peptides. ACS Applied Materials & Interfaces, 2021, 13, 16062-16074.	4.0	39
36	PGSE-NMR and SANS Studies of the Interaction of Model Polymer Therapeutics with Mucin. Biomacromolecules, 2010, 11, 120-125.	2.6	36

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37	Interaction between a Partially Fluorinated Alkyl Sulfate and Gelatin in Aqueous Solution. Langmuir, 2004, 20, 1161-1167.	1.6	35
38	How do Self-Assembling Antimicrobial Lipopeptides Kill Bacteria?. ACS Applied Materials & Interfaces, 2020, 12, 55675-55687.	4.0	35
39	Bridging Flocculation in Vermiculiteâ^'PEO Mixtures. Langmuir, 2001, 17, 3800-3812.	1.6	34
40	Effect of heat treatment above the miscibility gap on nanostructure formation due to spinodal decomposition in Fe-52.85 at.%Cr. Acta Materialia, 2018, 145, 347-358.	3.8	34
41	Structure of Block Copolymers Adsorbed to Perfluorocarbon Emulsions. The Journal of Physical Chemistry, 1996, 100, 7603-7609.	2.9	33
42	A Small-Angle Neutron-Scattering Study of Shear-Induced Ordering in the Cubic Phase of a Block Copolymer Gel. Langmuir, 1998, 14, 3182-3186.	1.6	33
43	Small-Angle Neutron Scattering Study of Natural Aquatic Nanocolloids. Environmental Science & Technology, 2007, 41, 2868-2873.	4.6	33
44	Unlocking Structureâ€“Self-Assembly Relationships in Cationic Azobenzene Photosurfactants. Langmuir, 2018, 34, 10123-10134.	1.6	33
45	Upper Critical Solution Temperature Phase Behavior, Composition Fluctuations, and Complex Formation in Poly (Vinyl Methyl Ether)/D2O Solutions:Â Small-Angle Neutron-Scattering Experiments and Wertheim Lattice Thermodynamic Perturbation Theory Predictions. Journal of Physical Chemistry B, 2006, 110, 5321-5329.	1.2	32
46	Using the hydrolysis of anhydrides to control gel properties and homogeneity in pH-triggered gelation. RSC Advances, 2015, 5, 95369-95378.	1.7	32
47	Inorganic carbon dominates total dissolved carbon concentrations and fluxes in British rivers: Application of the THINCARB model â€“ Thermodynamic modelling of inorganic carbon in freshwaters. Science of the Total Environment, 2017, 575, 496-512.	3.9	32
48	Coupling High-Frequency Stream Metabolism and Nutrient Monitoring to Explore Biogeochemical Controls on Downstream Nitrate Delivery. Environmental Science & Technology, 2018, 52, 13708-13717.	4.6	32
49	Ligand Shell Structure in Lead Sulfideâ€“Oleic Acid Colloidal Quantum Dots Revealed by Small-Angle Scattering. Journal of Physical Chemistry Letters, 2019, 10, 4713-4719.	2.1	32
50	What happens when pesticides are solubilized in nonionic surfactant micelles. Journal of Colloid and Interface Science, 2019, 541, 175-182.	5.0	31
51	Composition Fluctuations, Phase Behavior, and Complex Formation in Poly(vinyl methyl ether)/D2O Investigated by Small-Angle Neutron Scattering. Macromolecules, 2005, 38, 915-924.	2.2	30
52	Exploring How Organic Matter Controls Structural Transformations in Natural Aquatic Nanocolloidal Dispersions. Environmental Science & Technology, 2012, 46, 6959-6967.	4.6	30
53	Self-assembly and surface behaviour of pure and mixed zwitterionic amphiphiles in a deep eutectic solvent. Soft Matter, 2018, 14, 5525-5536.	1.2	30
54	Preliminary experiments on apparatus forin situstudies of microwave-driven reactions by small angle neutron scattering. Review of Scientific Instruments, 2001, 72, 173-176.	0.6	29

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55	Effect of cooling rate after solution treatment on subsequent phase separation during aging of Fe-Cr alloys: A small-angle neutron scattering study. Acta Materialia, 2017, 134, 221-229.	3.8	29
56	The Sol Concentration Effect in n-Butylammonium Vermiculite Swelling. Clays and Clay Minerals, 1994, 42, 614-627.	0.6	28
57	Tuning Oneâ€Dimensional Nanostructures of Bolaâ€Like Peptide Amphiphiles by Varying the Hydrophilic Amino Acids. Chemistry - A European Journal, 2016, 22, 11394-11404.	1.7	28
58	Characterising the size and shape of polyamidoamines in solution as a function of pH using neutron scattering and pulsed-gradient spin-echo NMR. International Journal of Pharmaceutics, 2006, 317, 175-186.	2.6	27
59	Characterization of Polymer Adsorption onto Drug Nanoparticles Using Depletion Measurements and Small-Angle Neutron Scattering. Molecular Pharmaceutics, 2013, 10, 4146-4158.	2.3	26
60	Extrinsic Wrinkling and Single Exfoliated Sheets of Graphene Oxide in Polymer Composites. Chemistry of Materials, 2016, 28, 1698-1704.	3.2	26
61	Effect of Electrolytes and Temperature on the Structure of a Poly(ethylene oxide)â^'Poly(propylene) Tj ETQq1 1 0.784314 rgBT /Overlo 1997, 13, 4545-4550.	1.6	25
62	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
63	Real-Time Neutron Scattering Study of Transient Phases in Polymer Crystallization. Macromolecules, 2005, 38, 7201-7204.	2.2	25
64	Physicochemical Characterization of Thermoresponsive Poly(N-isopropylacrylamide)â^'poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.6	25
65	Structural Characterization of Phase Separation in Fe-Cr: A Current Comparison of Experimental Methods. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2016, 47, 5942-5952.	1.1	25
66	Impact of polymer tacticity on the physico-chemical behaviour of polymers proposed as therapeutics. International Journal of Pharmaceutics, 2011, 408, 213-222.	2.6	24
67	Nanostructure, microstructure and mechanical properties of duplex stainless steels 25Cr-7 Ni and 22Cr-5Ni (wt.%) aged at 325â€Â°C. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2019, 754, 512-520.	2.6	24
68	Biogeochemical and climate drivers of wetland phosphorus and nitrogen release: Implications for nutrient legacies and eutrophication risk. Journal of Environmental Quality, 2020, 49, 1703-1716.	1.0	24
69	The use of small angle neutron scattering with contrast matching and variable adsorbate partial pressures in the study of porosity in activated carbons. Carbon, 2012, 50, 5062-5075.	5.4	23
70	Monolayer wall nanotubes self-assembled from short peptide bolaamphiphiles. Journal of Colloid and Interface Science, 2021, 583, 553-562.	5.0	23
71	Transesterification in Poly(ethylene terephthalate). Molecular Weight and End Group Effects. Macromolecules, 2000, 33, 2981-2988.	2.2	22
72	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

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73	Branched alkyldimethylamine oxide surfactants: An effective strategy for the design of high concentration/low viscosity surfactant formulations. Journal of Colloid and Interface Science, 2019, 552, 448-463.	5.0	22
74	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. Journal of Physical Chemistry B, 2004, 108, 1351-1356.	1.2	21
75	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
76	Early stages of spinodal decomposition in Feâ€“Cr resolved by in-situ small-angle neutron scattering. Applied Physics Letters, 2015, 106, 061911.	1.5	20
77	Temperature- and pH-Dependent Shattering: Insoluble Fatty Ammonium Phosphate Films at Waterâ€“Oil Interfaces. Langmuir, 2015, 31, 9312-9324.	1.6	19
78	Interplay of Thermosensitivity and pH Sensitivity of Amphiphilic Blockâ€“Gradient Copolymers of Dimethylaminoethyl Acrylate and Styrene. Macromolecules, 2018, 51, 5219-5233.	2.2	19
79	Neutron scattering experiments on magnetically aligned liquid crystalline DNA fragment solutions. Liquid Crystals, 1994, 17, 263-276.	0.9	18
80	Free Chains Trapped in a Swollen Gel Under Different Solvent Conditions. Macromolecules, 1995, 28, 678-681.	2.2	18
81	Phase behavior of blends of PCBM with amorphous polymers with different aromaticity. Journal of Polymer Science, Part B: Polymer Physics, 2016, 54, 994-1001.	2.4	18
82	An addressable packing parameter approach for reversibly tuning the assembly of oligo(aniline)-based supra-amphiphiles. Chemical Science, 2018, 9, 4392-4401.	3.7	18
83	Poiseuille geometry shear flow apparatus for smallâ€angle scattering experiments. Review of Scientific Instruments, 1996, 67, 3158-3163.	0.6	17
84	A study of the porosity of nuclear graphite using small-angle neutron scattering. Carbon, 2013, 64, 20-26.	5.4	17
85	Role of Copolymer Architecture on Adsorption at the Solid/Liquid Interface. Langmuir, 1998, 14, 1779-1785.	1.6	16
86	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
87	Derivatizing weak polyelectrolytesâ€”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
88	â€œDressing upâ€•an Old Drug: An Aminoacyl Lipid for the Functionalization of Ru(III)-Based Anticancer Agents. ACS Biomaterials Science and Engineering, 2018, 4, 163-174.	2.6	16
89	Fourier Transform Infrared Spectroscopy and Monte Carlo studies on the dynamics of physisorbing and chemisorbing polymers. Langmuir, 1992, 8, 2206-2209.	1.6	15
90	Small angle neutron scattering investigation of transesterification in Poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Td (terepht	1.8	15

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91	Small-Angle Neutron Scattering from Peptide Nematic Fluids and Hydrogels under Shear. Langmuir, 2003, 19, 4940-4949.	1.6	15
92	Conformational consequences of cooperative binding of a coiled-coil peptide motif to poly(N-(2-hydroxypropyl) methacrylamide) HPMA copolymers. Journal of Controlled Release, 2011, 153, 173-179.	4.8	15
93	Preparation of conductive cellulose paper through electrochemical exfoliation of graphite: The role of anionic surfactant ionic liquids as exfoliating and stabilizing agents. Carbohydrate Polymers, 2018, 201, 48-59.	5.1	15
94	A dynamical Monte Carlo model of polymer adsorption. Macromolecules, 1993, 26, 5414-5422.	2.2	14
95	Small angle neutron scattering study of SPBT/PC blends. Polymer, 2001, 42, 1679-1690.	1.8	14
96	A self-assembly toolbox for thiophene-based conjugated polyelectrolytes: surfactants, solvent and copolymerisation. Nanoscale, 2017, 9, 17481-17493.	2.8	14
97	Surfactants with aromatic headgroups for optimizing properties of graphene/natural rubber latex composites (NRL): Surfactants with aromatic amine polar heads. Journal of Colloid and Interface Science, 2019, 545, 184-194.	5.0	14
98	Thermodynamics of isotopic mixtures of syndiotactic poly(methyl methacrylate) from small-angle neutron scattering. Polymer, 1994, 35, 1722-1729.	1.8	13
99	A small angle neutron scattering study of the conformation of a side chain liquid crystal poly(methacrylate) in the smectic C phase. Liquid Crystals, 1997, 22, 679-684.	0.9	13
100	Neutron Scattering Study of Vermiculiteâ^'PEO Mixtures. Journal of Physical Chemistry B, 1998, 102, 6804-6808.	1.2	13
101	Transesterification in polyethylene terephthalateâ€“polyethylene naphthalene-2,6-dicarboxylate mixtures: a comparison of small-angle neutron scattering with NMR. Polymer, 2001, 42, 7695-7700.	1.8	13
102	Tuning self-assembled morphology of the AÎ²(16â€“22) peptide by substitution of phenylalanine residues. Colloids and Surfaces B: Biointerfaces, 2016, 147, 116-123.	2.5	13
103	Control of Particle Size in the Self-Assembly of Amphiphilic Statistical Copolymers. Macromolecules, 2021, 54, 1425-1440.	2.2	13
104	Microstructural characterization of Fe80B20eutectic spherulites by smallâ€angle neutron scattering and transmission electron microscopy. Journal of Applied Physics, 1996, 79, 2296-2301.	1.1	12
105	Polymer Bristles:Â Adsorption of Low Molecular Weight Poly(oxyethylene)â^'Poly(oxybutylene) Diblock Copolymers on a Perfluorocarbon Emulsion. Macromolecules, 2000, 33, 1289-1297.	2.2	12
106	Self-Assembling Chiral Gelators for Fluorinated Media. Langmuir, 2009, 25, 8678-8684.	1.6	12
107	Solution scattering studies on a virus capsid protein as a building block for nanoscale assemblies. Soft Matter, 2011, 7, 11380.	1.2	12
108	Apparatus for simultaneous dynamic light scatteringâ€“small angle neutron scattering investigations of dynamics and structure in soft matter. Review of Scientific Instruments, 2021, 92, 023907.	0.6	12

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109	Timeâ€Resolved Smallâ€Angle Neutron Scattering as a Tool for Studying Controlled Release from Liposomes using Polymerâ€Enzyme Conjugates. Macromolecular Rapid Communications, 2010, 31, 1685-1690.	2.0	11
110	Determination of the translational order parameter for smectic liquid crystals using small-angle neutron scattering. Liquid Crystals, 2010, 37, 961-968.	0.9	11
111	Exploring controls on the fate of PVP-capped silver nanoparticles in primary wastewater treatment. Environmental Science: Nano, 2015, 2, 177-190.	2.2	11
112	How does solubilisation of plant waxes into nonionic surfactant micelles affect pesticide release?. Journal of Colloid and Interface Science, 2019, 556, 650-657.	5.0	11
113	Ordered Nanofibers Fabricated from Hierarchical Selfâ€Assembling Processes of Designed Î±â€Helical Peptides. Small, 2020, 16, e2003945.	5.2	11
114	Self-assembly of ionic and non-ionic surfactants in type IV cerium nitrate and urea based deep eutectic solvent. Journal of Chemical Physics, 2021, 155, 084902.	1.2	11
115	Progress in SANS studies of polymer systems (Panel Discussion). Macromolecular Symposia, 2002, 190, 185-200.	0.4	10
116	Electrochemical exfoliation of graphite in nanofibrillated kenaf cellulose (NFC)/surfactant mixture for the development of conductive paper. Carbohydrate Polymers, 2020, 228, 115376.	5.1	10
117	Temperature dependence of chain conformations in a model block copolyurethane. , 1997, 44, 371-379.		9
118	SANS from adsorbed polymer layers. Macromolecular Symposia, 2002, 190, 33-42.	0.4	9
119	Gelation or molecular recognition; is the bis-(Î±,Î²-dihydroxy ester)s motif an omnigelator?. Beilstein Journal of Organic Chemistry, 2010, 6, 1079-1088.	1.3	9
120	Variegated Micelle Surfaces:Â Correlating the Microstructure of Mixed Surfactant Micelles with Bulk Solution Properties. Langmuir, 2004, 20, 7313-7322.	1.6	8
121	Polyoxyalkylene block copolymers adsorbed in hydrocarbon and fluorocarbon oil-in-water emulsions. Physical Chemistry Chemical Physics, 2005, 7, 143.	1.3	8
122	Polymeric micelle disruption by cosolvents and anionic surfactants. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2011, 391, 88-94.	2.3	8
123	Probing competitive interactions in quaternary formulations. Journal of Colloid and Interface Science, 2015, 454, 35-43.	5.0	8
124	A Journey along the Extruder with Polystyrene:C₆₀ Nanocomposites: Convergence of Feeding Formulations into a Similar Nanomorphology. Macromolecules, 2017, 50, 3301-3312.	2.2	8
125	Highly branched triple-chain surfactant-mediated electrochemical exfoliation of graphite to obtain graphene oxide: colloidal behaviour and application in water treatment. Physical Chemistry Chemical Physics, 2020, 22, 12732-12744.	1.3	8
126	Small-angle neutron scattering quantification of phase separation and the corresponding embrittlement of a super duplex stainless steel after long-term aging at 300Â°C. Materialia, 2020, 12, 100771.	1.3	8

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127	Comparing pH-responsive nanogel swelling in dispersion and inside a polyacrylamide gel using photoluminescence spectroscopy and small-angle neutron scattering. Journal of Colloid and Interface Science, 2022, 608, 378-385.	5.0	8
128	Freezing Experiments on Clay Gels. Langmuir, 2000, 16, 5562-5567.	1.6	7
129	Does 1,8-diiodooctane affect the aggregation state of PC ₇₁ BM in solution?. Royal Society Open Science, 2018, 5, 180937.	1.1	7
130	Interaction of an Endosomolytic Polyamidoamine ISA23 with Vesicles Mimicking Intracellular Membranes: A SANS/EPR Study. Macromolecular Bioscience, 2010, 10, 963-973.	2.1	6
131	Long-Range Diffusion in Xylitolâ€“Water Mixtures. Journal of Physical Chemistry B, 2013, 117, 7363-7369.	1.2	6
132	Construction and physiochemical characterisation of a multi-composite, potential oral vaccine delivery system (VDS). International Journal of Pharmaceutics, 2014, 468, 264-271.	2.6	6
133	Temperature-dependent structure and dynamics of highly-branched poly(N-isopropylacrylamide) in aqueous solution. Soft Matter, 2018, 14, 1482-1491.	1.2	6
134	The adsorption of polystyrene saturated-polydiene block copolymers on silica substrates. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 1996, 108, 159-171.	2.3	5
135	Î±,Î±-Trehalose-Water Solutions VI. A View of the Structural and Dynamical Properties of OÎ²G Micelles in the Presence of Trehalose. Journal of Physical Chemistry B, 2002, 106, 6954-6960.	1.2	5
136	Microstructural characterisation of surfactant treated nylon fibres. Polymer, 2005, 46, 11424-11434.	1.8	5
137	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
138	Origin of mechanical modifications in poly (ether ether ketone)/carbon nanotube composite. Journal of Applied Physics, 2014, 115, .	1.1	5
139	Quantifying the micellar structure formed from hydrocarbon-fluorocarbon surfactants. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 492, 255-262.	2.3	5
140	Characterisation of nanovoiding in dental porcelain using small angle neutron scattering and transmission electron microscopy. Dental Materials, 2017, 33, 486-497.	1.6	5
141	Studying the interaction of hydrophobically modified ethoxylated urethane (HEUR) polymers with sodium dodecylsulfate (SDS) in concentrated polymer solutions. Journal of Colloid and Interface Science, 2018, 529, 588-598.	5.0	5
142	Quantitative Nanostructure and Hardness Evolution in Duplex Stainless Steels: Under Real Low-Temperature Service Conditions. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2022, 53, 723-735.	1.1	5
143	Calorimetric and small-angle neutron scattering investigation of an ethylene-vinyl acetate blend. Polymer, 1995, 36, 4245-4252.	1.8	4
144	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

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145	Physical ageing studies of poly(ethylene terephthalate) using SANS and DSC. Physica B: Condensed Matter, 2006, 385-386, 514-516.	1.3	4
146	Solution scattering studies of the hierarchical assembly of porphyrin trimers based on benzene triscarboxamide. Soft Matter, 2014, 10, 9688-9694.	1.2	4
147	Surfactant modulated interactions of hydrophobically modified ethoxylated urethane (HEUR) polymers with penetrable surfaces. Journal of Colloid and Interface Science, 2019, 552, 9-16.	5.0	4
148	Impact of 1,8-diiodooctane on the morphology of organic photovoltaic (OPV) devices â€“ A Small Angle Neutron Scattering (SANS) study. Polymer Testing, 2020, 82, 106305.	2.3	4
149	Controlling the structures of organic semiconductorâ€“quantum dot nanocomposites through ligand shell chemistry. Soft Matter, 2020, 16, 7970-7981.	1.2	4
150	Conformational Transitions of Dynamic Polymer Chains Induced by Colloidal Particles in Dilute Solution. Macromolecules, 2020, 53, 3052-3058.	2.2	4
151	Fabrication and application of composite adsorbents made by one-pot electrochemical exfoliation of graphite in surfactant ionic liquid/nanocellulose mixtures. Physical Chemistry Chemical Physics, 2021, 23, 19313-19328.	1.3	4
152	Effect of Cooling Rate after Solution Treatment on Subsequent Phase Separation Evolution in Super Duplex Stainless Steel 25Cr-7Ni (wt.%). Metals, 2022, 12, 890.	1.0	4
153	Small-angle neutron scattering study on phase separation in a super duplex stainless steel at 300 Â°C â€“ Comparing hot-rolled and TIG welded material. Materials Characterization, 2022, 190, 112044.	1.9	4
154	Polymer bristles: a SANS study. Journal of Applied Crystallography, 2000, 33, 664-668.	1.9	3
155	pH-induced size changes in solutions of cholesteric liquid- crystal polymers studied by SANS. Journal of Physics: Conference Series, 2014, 554, 012011.	0.3	3
156	Highly-ordered onion micelles made from amphiphilic highly-branched copolymers. Polymer Chemistry, 2018, 9, 5617-5629.	1.9	3
157	Evolution of dispersion in the melt compounding of a model polymer nanocomposite system: A multi-scale study. Polymer Testing, 2019, 76, 109-118.	2.3	3
158	Nuclear and magnetic small-angle neutron scattering in self-organizing nanostructured Fe1â^'Cr alloys. Materials Characterization, 2020, 164, 110347.	1.9	3
159	A contrast variation small-angle scattering study of the microstructure of 2,5-dimethyl-7-hydroxy-2,5-diazaheptadecaneâ€“tolueneâ€“butanol oil-in-water metallomicroemulsions. Soft Matter, 2010, 6, 2552.	1.2	2
160	Spin isomers in the ISIS TS1 cryogenic hydrogen moderator. Journal of Physics: Conference Series, 2018, 1021, 012057.	0.3	2
161	Structural evolution in metallomicroemulsions â€“ the effect of increasing alcohol hydrophobicity. Dalton Transactions, 2018, 47, 14211-14217.	1.6	2
162	A guide to designing graphene-philic surfactants. Journal of Colloid and Interface Science, 2022, 620, 346-355.	5.0	2

#	Article	IF	Citations
163	Small-angle neutron scattering from non-crystalline materials on a pulsed neutron source. Journal of Non-Crystalline Solids, 1992, 150, 153-156.	1.5	1
164	Improved Performance and Stability of Organic Solar Cells by the Incorporation of a Block Copolymer Interfacial Layer. Advanced Materials Interfaces, 2020, 7, 2000918.	1.9	1
165	Facility Report on ISIS, with a brief Introduction to Neutron Scattering. Fibre Diffraction Review, 2004, 12, 15.	0.6	1
166	New Functionality in CORFUNC. Fibre Diffraction Review, 2005, 13, 19-22.	0.6	1
167	Graded Morphologies and the Performance of PffBT4T-2OD:PC71BM Devices Using Additive Choice. Nanomaterials, 2021, 11, 3367.	1.9	1
168	Neutron and X-ray scattering studies of ionomer blends. Physica B: Condensed Matter, 2000, 276-278, 911-913.	1.3	0
169	The XIV Triennial International Conference on Small-Angle Scattering (SAS-2009). Powder Diffraction, 2010, 25, 79-80.	0.4	0
170	Small-angle neutron scattering from CuCrZr coupons and components. Journal of Applied Crystallography, 2021, 54, 1394-1402.	1.9	0
171	New Optical Setup for In Situ DLS-SANS Measurements on Soft Matter. Neutron News, 0, , 1-2.	0.1	0