Ian W Hamley

List of Publications by Year
in descending order

451 papers	27,035 citations	8172 76 h-index	10152 140 g-index
489 all docs	489 docs citations	489 times ranked	20830 citing authors

#	Article	IF	Citations
1	Polyisoprene-Polystyrene Diblock Copolymer Phase Diagram near the Order-Disorder Transition. Macromolecules, 1995, 28, 8796-8806.	2.2	965
2	Nanotechnology with Soft Materials. Angewandte Chemie - International Edition, 2003, 42, 1692-1712.	7.2	840
3	The Amyloid Beta Peptide: A Chemistâ€™s Perspective. Role in Alzheimerâ€™s and Fibrillization. Chemical Reviews, 2012, 112, 5147-5192.	23.0	785
4	A Healable Supramolecular Polymer Blend Based on Aromatic Ï€âˆ’Ï€ Stacking and Hydrogen-Bonding Interactions. Journal of the American Chemical Society, 2010, 132, 12051-12058.	6.6	779
5	Nanostructure fabrication using block copolymers. Nanotechnology, 2003, 14, R39-R54.	1.3	735
6	Self-assembling peptide and protein amyloids: from structure to tailored function in nanotechnology. Chemical Society Reviews, 2017, 46, 4661-4708.	18.7	670
7	Peptide Fibrillization. Angewandte Chemie - International Edition, 2007, 46, 8128-8147.	7.2	564
8	Ordering in thin films of block copolymers: Fundamentals to potential applications. Progress in Polymer Science, 2009, 34, 1161-1210.	11.8	495
9	Complex Phase Behavior of Polyisoprene-Polystyrene Diblock Copolymers Near the Order-Disorder Transition. Macromolecules, 1994, 27, 6922-6935.	2.2	412
10	Self-assembly of amphiphilic peptides. Soft Matter, 2011, 7, 4122.	1.2	390
11	Low-Molecular-Weight Gelators: Elucidating the Principles of Gelation Based on Gelator Solubility and a Cooperative Self-Assembly Model. Journal of the American Chemical Society, 2008, 130, 9113-9121.	6.6	361
12	Half a century of amyloids: past, present and future. Chemical Society Reviews, 2020, 49, 5473-5509.	18.7	345
13	Small Bioactive Peptides for Biomaterials Design and Therapeutics. Chemical Reviews, 2017, 117, 14015-14041.	23.0	317
14	Selfâ€assembling amphiphilic peptides. Journal of Peptide Science, 2014, 20, 453-467.	0.8	306
15	Peptide Nanotubes. Angewandte Chemie - International Edition, 2014, 53, 6866-6881.	7.2	292
16	Self-Assembly and Hydrogelation of an Amyloid Peptide Fragment. Biochemistry, 2008, 47, 4597-4605.	1.2	265
17	Hexagonal mesophases between lamellae and cylinders in a diblock copolymer melt. Macromolecules, 1993, 26, 5959-5970.	2.2	263
18	PEGâ€“Peptide Conjugates. Biomacromolecules, 2014, 15, 1543-1559.	2.6	246

#	Article	IF	Citations
19	Crystallization in Oriented Semicrystalline Diblock Copolymers. Macromolecules, 1996, 29, 8835-8843.	2.2	231
20	Structure Development in Semicrystalline Diblock Copolymers Crystallizing from the Ordered Melt. Macromolecules, 1995, 28, 3860-3868.	2.2	230
21	Lipopeptides: from self-assembly to bioactivity. Chemical Communications, 2015, 51, 8574-8583.	2.2	228
22	Transformations to and from the Gyroid Phase in a Diblock Copolymer. Macromolecules, 1998, 31, 5702-5716.	2.2	216
23	Measurement of intrinsic properties of amyloid fibrils by the peak force QNM method. Nanoscale, 2012, 4, 4426.	2.8	175
24	A Small-Angle Neutron and X-ray Contrast Variation Scattering Study of the Structure of Block Copolymer Micelles:â€‰ Corona Shape and Excluded Volume Interactions. Macromolecules, 2003, 36, 416-433.	2.2	168
25	Nucleation and Crystallization in Double Crystalline Poly(p-dioxanone)-b-poly(Îµ-caprolactone) Diblock Copolymers. Macromolecules, 2003, 36, 1633-1644.	2.2	167
26	Water-Soluble, Unimolecular Containers Based on Amphiphilic Multiarm Star Block Copolymers. Macromolecules, 2006, 39, 4507-4516.	2.2	154
27	Crystallization in Poly(l-lactide)-b-poly(Îµ-caprolactone) Double Crystalline Diblock Copolymers:Â A Study Using X-ray Scattering, Differential Scanning Calorimetry, and Polarized Optical Microscopy. Macromolecules, 2005, 38, 463-472.	2.2	152
28	Synthesis and Characterization of Biocompatible, Thermoresponsive ABC and ABA Triblock Copolymer Gelators. Langmuir, 2005, 21, 11026-11033.	1.6	144
29	Liquid crystal phase formation by biopolymers. Soft Matter, 2010, 6, 1863.	1.2	143
30	Assembly of an Injectable Noncytotoxic Peptide-Based Hydrogelator for Sustained Release of Drugs. Langmuir, 2014, 30, 929-936.	1.6	143
31	Self-assembly of bioactive peptides, peptide conjugates, and peptide mimetic materials. Organic and Biomolecular Chemistry, 2017, 15, 5867-5876.	1.5	136
32	Self-nucleation and crystallization kinetics of double crystalline poly(p-dioxanone)-b-poly(Îµ-caprolactone) diblock copolymers. Faraday Discussions, 2005, 128, 231-252.	1.6	135
33	Nanoscale Structure of Poly(Ethylene Glycol) Hybrid Block Copolymers containing Amphiphilic Î²-Strand Peptide Sequences. Biomacromolecules, 2003, 4, 859-863.	2.6	132
34	From Hard Spheres to Soft Spheres:Â The Effect of Copolymer Composition on the Structure of Micellar Cubic Phases Formed by Diblock Copolymers in Aqueous Solution. Langmuir, 2000, 16, 2508-2514.	1.6	131
35	Amphiphilic Peptide-Based Supramolecular, Noncytotoxic, Stimuli-Responsive Hydrogels with Antibacterial Activity. Biomacromolecules, 2017, 18, 3621-3629.	2.6	127
36	Rapid swelling and deswelling of thermoreversible hydrophobically modified poly(N-isopropylacrylamide) hydrogels prepared by freezing polymerisation. Polymer, 2002, 43, 5181-5186.	1.8	126

#	Article	IF	Citations
37	Nanoshells and nanotubes from block copolymers. Soft Matter, 2005, 1, 36.	1.2	126
38	Morphologies of Microphase-Separated A2B Simple Graft Copolymers. Macromolecules, 1996, 29, 5091-5098.	2.2	124
39	Self-Assembly of Peptide Nanotubes in an Organic Solvent. Langmuir, 2008, 24, 8158-8162.	1.6	124
40	Hydrogelation and Self-Assembly of Fmoc-Tripeptides: Unexpected Influence of Sequence on Self-Assembled Fibril Structure, and Hydrogel Modulus and Anisotropy. Langmuir, 2010, 26, 4990-4998.	1.6	121
41	Interplay between Smectic Ordering and Microphase Separation in a Series of Side-Group Liquid-Crystal Block Copolymers. Macromolecules, 2004, 37, 4798-4807.	2.2	120
42	Direct Observation of Timeâ€Resolved Polymorphic States in the Selfâ€Assembly of Endâ€Capped Heptapeptides. Angewandte Chemie - International Edition, 2011, 50, 5495-5498.	7.2	119
43	Analysis of neutron and X-ray reflectivity data. II. Constrained least-squares methods. Journal of Applied Crystallography, 1994, 27, 36-49.	1.9	117
44	Chain Folding in Crystallizable Block Copolymers. Macromolecules, 1997, 30, 1723-1727.	2.2	116
45	Solution Self-Assembly of Hybrid Block Copolymers Containing Poly(ethylene glycol) and Amphiphilic Î²-Strand Peptide Sequences. Biomacromolecules, 2005, 6, 1310-1315.	2.6	116
46	Crystallization of nanoscale-confined diblock copolymer chains. Polymer, 1996, 37, 4425-4429.	1.8	112
47	Hydrogelation of self-assembling RGD-based peptides. Soft Matter, 2011, 7, 1326-1333.	1.2	112
48	Structure and flow behaviour of block copolymers. Journal of Physics Condensed Matter, 2001, 13, R643-R671.	0.7	111
49	Melt Structure and its Transformation by Sequential Crystallization of the Two Blocks within Poly(L-lactide)-block-Poly(É›-caprolactone) Double Crystalline Diblock Copolymers. Macromolecular Chemistry and Physics, 2006, 207, 941-953.	1.1	106
50	Peptide based hydrogels for cancer drug release: modulation of stiffness, drug release and proteolytic stability of hydrogels by incorporating <scp>d</scp>-amino acid residue(s). Chemical Communications, 2016, 52, 5045-5048.	2.2	106
51	Self assembly of a model amphiphilic phenylalanine peptide/polyethylene glycol block copolymer in aqueous solution. Biophysical Chemistry, 2009, 141, 169-174.	1.5	105
52	Self-Organisation in the Assembly of Gels from Mixtures of Different Dendritic Peptide Building Blocks. Chemistry - A European Journal, 2007, 13, 2180-2188.	1.7	101
53	Biological Soft Materials. Angewandte Chemie - International Edition, 2007, 46, 4442-4455.	7.2	101
54	Hydrogen Bonded Supramolecular Elastomers: Correlating Hydrogen Bonding Strength with Morphology and Rheology. Macromolecules, 2010, 43, 2512-2517.	2.2	101

#	Article	IF	Citations
55	Synthesis and characterization of hydrophobically modified polyacrylamides and some observations on rheological properties. European Polymer Journal, 2004, 40, 47-56.	2.6	99
56	A Peptide-Based Mechano-sensitive, Proteolytically Stable Hydrogel with Remarkable Antibacterial Properties. Langmuir, 2016, 32, 1836-1845.	1.6	99
57	Multiwalled Nanotubes Formed by Catanionic Mixtures of Drug Amphiphiles. ACS Nano, 2014, 8, 12690-12700.	7.3	98
58	Chain Folding in Semicrystalline Oxyethylene/Oxybutylene Diblock Copolymers. Macromolecules, 1997, 30, 8392-8400.	2.2	97
59	Selfâ€Assembly of Twoâ€Component Gels: Stoichiometric Control and Component Selection. Chemistry - A European Journal, 2009, 15, 372-379.	1.7	96
60	Selective and highly efficient dye scavenging by a pH-responsive molecular hydrogelator. Chemical Communications, 2010, 46, 7960.	2.2	96
61	Thermal Fractionation and Isothermal Crystallization of Polyethylene Nanocomposites Prepared by in Situ Polymerization. Macromolecules, 2008, 41, 2087-2095.	2.2	94
62	A Direct Comparison of One- and Two-Component Dendritic Self-Assembled Materials:Â Elucidating Molecular Recognition Pathways. Journal of the American Chemical Society, 2005, 127, 7130-7139.	6.6	93
63	Self-assembled arginine-coated peptide nanosheets in water. Chemical Communications, 2013, 49, 1850.	2.2	92
64	Micelles and gels of oxyethyleneâ€“oxybutylene diblock copolymers in aqueous solution: The effect of oxyethylene-block length. Physical Chemistry Chemical Physics, 1999, 1, 2773-2785.	1.3	91
65	Influence of the Solvent on the Self-Assembly of a Modified Amyloid Beta Peptide Fragment. I. Morphological Investigation. Journal of Physical Chemistry B, 2009, 113, 9978-9987.	1.2	90
66	Ordered Phases in Aqueous Solutions of Diblock Oxyethylene/Oxybutylene Copolymers Investigated by Simultaneous Small-Angle X-ray Scattering and Rheology. Macromolecules, 1997, 30, 5721-5728.	2.2	88
67	Fractionated Crystallization and Fractionated Melting of Confined PEO Microdomains in PB-b-PEO and PE-b-PEO Diblock Copolymers. Macromolecules, 2008, 41, 879-889.	2.2	87
68	A Thermoreversible Supramolecular Polyurethane with Excellent Healing Ability at 45 Â°C. Macromolecules, 2015, 48, 6132-6141.	2.2	87
69	Aqueous mesophases of block copolymers of ethylene oxide and 1,2-butylene oxide. Physical Chemistry Chemical Physics, 2001, 3, 2972-2980.	1.3	85
70	Thermoreversible swelling behaviour of hydrogels based on N-isopropylacrylamide with a hydrophobic comonomer. Polymer, 2002, 43, 3069-3077.	1.8	85
71	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
72	Helicalâ€Ribbon Formation by a Î²â€Amino Acid Modified Amyloid Î²â€Peptide Fragment. Angewandte Chemie - International Edition, 2009, 48, 2317-2320.	7.2	85

#	Article	IF	Citations
73	A tripeptide-based self-shrinking hydrogel for waste-water treatment: removal of toxic organic dyes and lead (Pb²⁺) ions. Chemical Communications, 2017, 53, 5910-5913.	2.2	85
74	Fibrillisation of hydrophobically modified amyloid peptide fragments in an organic solvent. Soft Matter, 2007, 3, 1401.	1.2	84
75	Analysis of neutron and X-ray reflectivity data. I. Theory. Journal of Applied Crystallography, 1994, 27, 29-35.	1.9	80
76	Ordering on multiple lengthscales in a series of side group liquid crystal block copolymers containing a cholesteryl-based mesogen. Soft Matter, 2005, 1, 355.	1.2	79
77	Protein Assemblies: Nature-Inspired and Designed Nanostructures. Biomacromolecules, 2019, 20, 1829-1848.	2.6	79
78	Cell Dynamics Simulations of Microphase Separation in Block Copolymers. Macromolecules, 2001, 34, 116-126.	2.2	78
79	Self-assembly of a peptide amphiphile: transition from nanotape fibrils to micelles. Soft Matter, 2013, 9, 3558.	1.2	78
80	Crystallization thermodynamics and kinetics in semicrystalline diblock copolymers. Polymer, 1998, 39, 1429-1437.	1.8	77
81	Influence of the Solvent on the Self-Assembly of a Modified Amyloid Beta Peptide Fragment. II. NMR and Computer Simulation Investigation. Journal of Physical Chemistry B, 2010, 114, 940-951.	1.2	77
82	Reversible helical unwinding transition of a self-assembling peptide amphiphile. Soft Matter, 2013, 9, 9290.	1.2	77
83	Contrast Variation Small-Angle Neutron Scattering Study of the Structure of Block Copolymer Micelles in a Slightly Selective Solvent at Semidilute Concentrations. Macromolecules, 2000, 33, 542-550.	2.2	76
84	Peptide hormones and lipopeptides: from selfâ€assembly to therapeutic applications. Journal of Peptide Science, 2017, 23, 82-94.	0.8	76
85	Morphologies of block copolymer melts. Current Opinion in Solid State and Materials Science, 2004, 8, 426-438.	5.6	74
86	The effect of shear on ordered block copolymer solutions. Current Opinion in Colloid and Interface Science, 2000, 5, 341-349.	3.4	73
87	Ordered melts of block copolymers of ethylene oxide and 1,2-butylene oxide. Physical Chemistry Chemical Physics, 2001, 3, 2961-2971.	1.3	71
88	pHâ€Tunable Hydrogelators for Water Purification: Structural Optimisation and Evaluation. Chemistry - A European Journal, 2012, 18, 2692-2699.	1.7	70
89	Shear-Induced Orientational Transitions in the Body-Centered Cubic Phase of a Diblock Copolymer Gel. Macromolecules, 1998, 31, 3906-3911.	2.2	69
90	Small-angle scattering of block copolymers. Progress in Polymer Science, 2004, 29, 909-948.	11.8	69

#	Article	IF	Citations
91	Tuning the Self-Assembly of the Bioactive Dipeptide <scp>l</scp>-Carnosine by Incorporation of a Bulky Aromatic Substituent. Langmuir, 2011, 27, 2980-2988.	1.6	67
92	Microstructure and Physical Properties of a pH-Responsive Gel Based on a Novel Biocompatible ABA-Type Triblock Copolymer. Langmuir, 2004, 20, 4306-4309.	1.6	66
93	Fibrillar superstructure from extended nanotapes formed by a collagen-stimulating peptide. Chemical Communications, 2010, 46, 9185.	2.2	66
94	Ex vivo expansion of limbal stem cells is affected by substrate properties. Stem Cell Research, 2012, 8, 403-409.	0.3	65
95	An adhesive elastomeric supramolecular polyurethane healable at body temperature. Chemical Science, 2016, 7, 4291-4300.	3.7	65
96	Micellar Ordering in Concentrated Solutions of Di- and Triblock Copolymers in a Slightly Selective Solvent. Macromolecules, 1998, 31, 1188-1196.	2.2	64
97	Microphase Separation in Poly(oxyethylene)â^'Poly(oxybutylene) Diblock Copolymers. Macromolecules, 1998, 31, 8110-8116.	2.2	63
98	Structure and Dynamics of Concentrated Solutions of Asymmetric Block Copolymers in Slightly Selective Solvents. Macromolecules, 1996, 29, 5955-5964.	2.2	62
99	Non-linear rheology of a face-centred cubic phase in a diblock copolymer gel. Rheologica Acta, 2001, 40, 39-48.	1.1	62
100	Self-assembled columns of fullerene. Journal of Materials Chemistry, 2005, 15, 4429.	6.7	62
101	Structure of single-wall peptide nanotubes: in situ flow aligning X-ray diffraction. Chemical Communications, 2010, 46, 6270.	2.2	62
102	Self-Assembly of a Peptide Amphiphile Containing <scp>l</scp>-Carnosine and Its Mixtures with a Multilamellar Vesicle Forming Lipid. Langmuir, 2012, 28, 11599-11608.	1.6	61
103	Structure, rheology and shear alignment of Pluronic block copolymer mixtures. Journal of Colloid and Interface Science, 2009, 329, 54-61.	5.0	60
104	Effect of shear on cubic phases in gels of a diblock copolymer. Journal of Chemical Physics, 1998, 108, 6929-6936.	1.2	59
105	Insights into the Molecular Architecture of a Peptide Nanotube Using FTIR and Solidâ€State NMR Spectroscopic Measurements on an Aligned Sample. Angewandte Chemie - International Edition, 2013, 52, 10537-10540.	7.2	59
106	Orderâ^'Disorder Transition in Poly(oxyethylene)â^'Poly(oxybutylene) Diblock Copolymers. Macromolecules, 1996, 29, 6212-6221.	2.2	58
107	A Small-Angle Neutron Scattering Study of Spherical and Wormlike Micelles Formed by Poly(oxyethylene)-Based Diblock Copolymers. Langmuir, 2001, 17, 6386-6388.	1.6	58
108	Effect of PEG Crystallization on the Self-Assembly of PEG/Peptide Copolymers Containing Amyloid Peptide Fragments. Langmuir, 2008, 24, 8210-8214.	1.6	58

#	Article	IF	Citations
109	Collagen Stimulating Effect of Peptide Amphiphile C₁₆â€“KTTKS on Human Fibroblasts. Molecular Pharmaceutics, 2013, 10, 1063-1069.	2.3	58
110	Hybrid Proton and Electron Transport in Peptide Fibrils. Advanced Functional Materials, 2014, 24, 5873-5880.	7.8	58
111	Peptide mediated formation of hierarchically organized solution and solid state polymer nanostructures. Faraday Discussions, 2005, 128, 29-41.	1.6	57
112	PEGylated Amyloid Peptide Nanocontainer Delivery and Release System. Langmuir, 2010, 26, 11624-11627.	1.6	57
113	The effect of pH on the self-assembly of a collagen derived peptide amphiphile. Soft Matter, 2013, 9, 6033.	1.2	57
114	Time-dependent gel to gel transformation of a peptide based supramolecular gelator. Soft Matter, 2015, 11, 4944-4951.	1.2	57
115	Cell dynamics simulations of block copolymers. Macromolecular Theory and Simulations, 2000, 9, 363-380.	0.6	56
116	Rheology and structures of aqueous gels of diblock(oxyethyleneâ€“oxybutylene) copolymers with lengthy oxyethylene blocks. Physical Chemistry Chemical Physics, 2000, 2, 2755-2763.	1.3	56
117	In Situ Atomic Force Microscopy Imaging of Adsorbed Block Copolymer Micelles. Macromolecules, 2004, 37, 5337-5351.	2.2	56
118	Rheological and Structural Characterization of Hydrophobically Modified Polyacrylamide Solutions in the Semidilute Regime. Macromolecules, 2004, 37, 1492-1501.	2.2	56
119	Self-assembly of Fmoc-tetrapeptides based on the RGDS cell adhesion motif. Soft Matter, 2011, 7, 11405.	1.2	56
120	Coassembly in Binary Mixtures of Peptide Amphiphiles Containing Oppositely Charged Residues. Langmuir, 2013, 29, 5050-5059.	1.6	56
121	Peptide-Stabilized Emulsions and Gels from an Arginine-Rich Surfactant-like Peptide with Antimicrobial Activity. ACS Applied Materials & Interfaces, 2019, 11, 9893-9903.	4.0	56
122	Peptide-Based Gel in Environmental Remediation: Removal of Toxic Organic Dyes and Hazardous Pb²⁺ and Cd²⁺ Ions from Wastewater and Oil Spill Recovery. Langmuir, 2020, 36, 12942-12953.	1.6	56
123	Mechanism of the Transition between Lamellar and Gyroid Phases Formed by a Diblock Copolymer in Aqueous Solution. Langmuir, 2004, 20, 10785-10790.	1.6	55
124	Toll-like receptor agonist lipopeptides self-assemble into distinct nanostructures. Chemical Communications, 2014, 50, 15948-15951.	2.2	55
125	Interaction between a Cationic Surfactant-like Peptide and Lipid Vesicles and Its Relationship to Antimicrobial Activity. Langmuir, 2013, 29, 14246-14253.	1.6	54
126	Arginine-Containing Surfactant-Like Peptides: Interaction with Lipid Membranes and Antimicrobial Activity. Biomacromolecules, 2018, 19, 2782-2794.	2.6	54

#	Article	IF	Citations
127	Liquid crystal tetramers. Journal of Materials Chemistry, 1999, 9, 2321-2325.	6.7	53
128	Amphiphilic diblock copolymer gels: the relationship between structure and rheology. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2001, 359, 1017-1044.	1.6	53
129	Crystallization in block copolymer melts: Small soft structures that template larger hard structures. Journal of Chemical Physics, 2001, 114, 5425-5431.	1.2	53
130	Self-Assembly of PEGylated Peptide Conjugates Containing a Modified Amyloid Î²-Peptide Fragment. Langmuir, 2010, 26, 9986-9996.	1.6	53
131	Influence of Salt on the Self-Assembly of Two Model Amyloid Heptapeptides. Journal of Physical Chemistry B, 2010, 114, 8002-8008.	1.2	53
132	A thermally induced transition from a body-centred to a face-centred cubic lattice in a diblock copolymer gel. Colloid and Polymer Science, 1998, 276, 446-450.	1.0	52
133	Multiple Lyotropic Polymorphism of a Poly(ethylene glycol)â€Peptide Conjugate in Aqueous Solution. Advanced Materials, 2008, 20, 4394-4397.	11.1	52
134	Influence of End-Capping on the Self-Assembly of Model Amyloid Peptide Fragments. Journal of Physical Chemistry B, 2011, 115, 2107-2116.	1.2	52
135	Photochemical crossâ€linking of plastically compressed collagen gel produces an optimal scaffold for corneal tissue engineering. Journal of Biomedical Materials Research - Part A, 2011, 99A, 1-8.	2.1	52
136	Modulating self-assembly of a nanotape-forming peptideamphiphile with an oppositely charged surfactant. Soft Matter, 2012, 8, 217-226.	1.2	52
137	Analysis of neutron and X-ray reflectivity data by constrained least-squares methods. Physica B: Condensed Matter, 1994, 198, 16-23.	1.3	51
138	The mechanical properties of amniotic membrane influence its effect as a biomaterial for ocular surface repair. Soft Matter, 2012, 8, 8379.	1.2	51
139	New RGD-peptide amphiphile mixtures containing a negatively charged diluent. Faraday Discussions, 2013, 166, 381.	1.6	51
140	Self-assembly of three bacterially-derived bioactive lipopeptides. Soft Matter, 2013, 9, 9572.	1.2	50
141	Effect of planar extension on the structure and mechanical properties of polystyreneâ€“poly(ethylene-) Tj ETQq1 1 0.784314 rgBT /Ov	1.8	49
142	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
143	Nonspherical Assemblies Generated from Polystyrene-b-poly(l-lysine) Polyelectrolyte Block Copolymers. Langmuir, 2005, 21, 6582-6589.	1.6	49
144	Self-assembly in aqueous solution of a modified amyloid beta peptide fragment. Biophysical Chemistry, 2008, 138, 29-35.	1.5	49

#	Article	IF	Citations
145	Conductance of amyloid Î² based peptide filaments: structureâ€“function relations. Soft Matter, 2012, 8, 8690.	1.2	49
146	Self-Assembled Arginine-Capped Peptide Bolaamphiphile Nanosheets for Cell Culture and Controlled Wettability Surfaces. Biomacromolecules, 2015, 16, 3180-3190.	2.6	49
147	On the Landauâ^'Brazovskii Theory for Block Copolymer Melts. Macromolecules, 1997, 30, 3701-3703.	2.2	48
148	Lamellar-to-gyroid transition in a poly(oxyethylene)â€“poly(oxybutylene) diblock copolymer melt. Physical Chemistry Chemical Physics, 1999, 1, 2097-2101.	1.3	47
149	Self-Assembly and Anti-Amyloid Cytotoxicity Activity of Amyloid beta Peptide Derivatives. Scientific Reports, 2017, 7, 43637.	1.6	47
150	Crystallization Within Block Copolymer Mesophases. , 0, , 213-243.		46
151	Nematic and Columnar Ordering of a PEGâ€“Peptide Conjugate in Aqueous Solution. Chemistry - A European Journal, 2008, 14, 11369-11375.	1.7	46
152	Effect of Sequence Distribution on the Morphology, Crystallization, Melting, and Biodegradation of Poly(Îµ-caprolactone-co-Îµ-caprolactam) Copolymers. Macromolecules, 2009, 42, 6671-6681.	2.2	46
153	Janus PEG-Based Dendrimers for Use in Combination Therapy: Controlled Multi-Drug Loading and Sequential Release. Biomacromolecules, 2013, 14, 564-574.	2.6	46
154	Self-Assembly of a Designed Alternating Arginine/Phenylalanine Oligopeptide. Langmuir, 2015, 31, 4513-4523.	1.6	46
155	The liquidâ€“solid transition in a micellar solution of a diblock copolymer in water. Journal of Chemical Physics, 2002, 116, 10947-10958.	1.2	45
156	Ordered Structures and Phase Transitions in Mixtures of a Polystyrene/Polyisoprene Block Copolymer with the Corresponding Homopolymers in Thin Films and in Bulk. Macromolecules, 2004, 37, 3369-3377.	2.2	45
157	Wormlike Micelle Formation and Flow Alignment of a Pluronic Block Copolymer in Aqueous Solution. Langmuir, 2007, 23, 6896-6902.	1.6	44
158	Effect of Ethanol on the Micellization and Gelation of Pluronic P123. Langmuir, 2008, 24, 12260-12266.	1.6	44
159	Tuning Self-Assembled Nanostructures Through Enzymatic Degradation of a Peptide Amphiphile. Langmuir, 2013, 29, 6665-6672.	1.6	44
160	Self-assembly pathway of peptide nanotubes formed by a glutamatic acid-based bolaamphiphile. Chemical Communications, 2015, 51, 11634-11637.	2.2	44
161	Dewetting of Thin Block Copolymer Films. Journal of Colloid and Interface Science, 1999, 209, 255-260.	5.0	43
162	Modelling small-angle scattering data from micelles. Current Opinion in Colloid and Interface Science, 2002, 7, 167-172.	3.4	43

#	Article	IF	Citations
163	Confinement Effects on the Crystallization Kinetics and Self-Nucleation of Double Crystalline Poly(p-dioxanone)-b-poly(Îµ-caprolactone) Diblock Copolymers. Macromolecular Symposia, 2004, 215, 369-382.	0.4	43
164	Structure and rheology of aqueous micellar solutions and gels formed from an associative poly(oxybutylene)â€“poly(oxyethylene)â€“poly(oxybutylene) triblock copolymer. Soft Matter, 2005, 1, 138.	1.2	43
165	Synthesis and phase behaviour of a homologous series of polymethacrylate-based side-chain liquid crystal polymers. European Polymer Journal, 2012, 48, 821-829.	2.6	43
166	Self-assembly of a model amphiphilic oligopeptide incorporating an arginine headgroup. Soft Matter, 2013, 9, 4794.	1.2	43
167	The bioactivity of composite Fmoc-RGDS-collagen gels. Biomaterials Science, 2014, 2, 1222-1229.	2.6	43
168	Self-Assembly of Peptide Bioconjugates: Selected Recent Research Highlights. Bioconjugate Chemistry, 2017, 28, 731-739.	1.8	43
169	Self-Assembling Peptide-Based Hydrogel: Regulation of Mechanical Stiffness and Thermal Stability and 3D Cell Culture of Fibroblasts. ACS Applied Bio Materials, 2019, 2, 5235-5244.	2.3	43
170	Shear-induced orientation of the body-centered-cubic phase in a diblock copolymer gel. Physical Review E, 1998, 58, 7620-7628.	0.8	42
171	Two-Component Fluorescent-Semiconducting Hydrogel from Naphthalene Diimide-Appended Peptide with Long-Chain Amines: Variation in Thermal and Mechanical Strengths of Gels. Langmuir, 2016, 32, 13226-13233.	1.6	42
172	Shear Alignment of Bola-Amphiphilic Arginine-Coated Peptide Nanotubes. Biomacromolecules, 2017, 18, 141-149.	2.6	42
173	Self-Assembly, Tunable Hydrogel Properties, and Selective Anti-Cancer Activity of a Carnosine-Derived Lipidated Peptide. ACS Applied Materials & Interfaces, 2019, 11, 33573-33580.	4.0	42
174	Cell dynamics simulations of shear-induced alignment and defect annihilation in stripe patterns formed by block copolymers. Physical Review E, 2001, 63, 041503.	0.8	41
175	Biocatalysts Based on Peptide and Peptide Conjugate Nanostructures. Biomacromolecules, 2021, 22, 1835-1855.	2.6	41
176	Proteolytically Inactive Insulin-Degrading Enzyme Inhibits Amyloid Formation Yielding Non-Neurotoxic AÎ² Peptide Aggregates. PLoS ONE, 2013, 8, e59113.	1.1	41
177	Association Properties of Diblock Copolymers of Propylene Oxide and Ethylene Oxide in Aqueous Solution. The Effect of P and E Block Lengths. Langmuir, 2001, 17, 8085-8091.	1.6	40
178	Selfâ€Assembly of a Modified Amyloid Peptide Fragment: pHâ€Responsiveness and Nematic Phase Formation. Macromolecular Bioscience, 2010, 10, 40-48.	2.1	40
179	Photopolymerization of Pluronic F127 diacrylate: a colloid-templated polymerization. Soft Matter, 2011, 7, 4928.	1.2	40
180	A Thermoresponsive Hydrogel Based on Telechelic PEG Endâ€Capped with Hydrophobic Dipeptides. Macromolecular Bioscience, 2011, 11, 1068-1078.	2.1	40

#	Article	IF	Citations
181	Selfâ€Assembly Studies of a Chiral Bisureaâ€Based Superhydrogelator. Chemistry - A European Journal, 2012, 18, 14725-14731.	1.7	40
182	Bioactive films produced from self-assembling peptide amphiphiles as versatile substrates for tuning cell adhesion and tissue architecture in serum-free conditions. Journal of Materials Chemistry B, 2013, 1, 6157.	2.9	40
183	Alanine-rich amphiphilic peptide containing the RGD cell adhesion motif: a coating material for human fibroblast attachment and culture. Biomaterials Science, 2014, 2, 362-369.	2.6	40
184	Selective Antibacterial Activity and Lipid Membrane Interactions of Arginine-Rich Amphiphilic Peptides. ACS Applied Bio Materials, 2020, 3, 1165-1175.	2.3	40
185	Block Copolymers of Ethylene Oxide and Phenyl Glycidyl Ether:Â Micellization, Gelation, and Drug Solubilization. Langmuir, 2005, 21, 5263-5271.	1.6	39
186	Effect of Stretching on the Structure of Cylinder- and Sphere-Forming Styreneâ^'Isopreneâ^'Styrene Block Copolymers. Macromolecules, 2009, 42, 5256-5265.	2.2	39
187	Thermo-responsive microphase separated supramolecular polyurethanes. Polymer Chemistry, 2010, 1, 1263.	1.9	39
188	New Self-Assembling Multifunctional Templates for the Biofabrication and Controlled Self-Release of Cultured Tissue. Tissue Engineering - Part A, 2015, 21, 1772-1784.	1.6	39
189	Chiral self-assembly of peptides: Toward the design of supramolecular polymers with enhanced chemical and biological functions. Progress in Polymer Science, 2021, 123, 101469.	11.8	39
190	Mesoscopic Crystallography:Â A Small-Angle Neutron Scattering Study of the Body-Centered Cubic Micellar Structure Formed in a Block Copolymer Gel. Macromolecules, 1998, 31, 6958-6963.	2.2	38
191	A small-angle neutron scattering investigation of the structure of highly swollen block copolymer micelles. Journal of Chemical Physics, 2002, 117, 8124-8129.	1.2	38
192	Dehydrodipeptide Hydrogelators Containing Naproxen N-Capped Tryptophan: Self-Assembly, Hydrogel Characterization, and Evaluation as Potential Drug Nanocarriers. Biomacromolecules, 2015, 16, 3562-3573.	2.6	38
193	Orientational Ordering of a Poly(oxyethylene)â^'Poly(oxybutylene) Diblock Copolymer Gel under Steady Shear Flow. Macromolecules, 1998, 31, 2952-2956.	2.2	37
194	Effect of Shear on the Face-Centered Cubic Phase in a Diblock Copolymer Gel. Macromolecules, 2000, 33, 2163-2170.	2.2	37
195	Hierarchical Order in a Side-Group Liquid Crystalline Block Copolymer. Macromolecules, 2003, 36, 8898-8901.	2.2	37
196	Peptide-based ambidextrous bifunctional gelator: applications in oil spill recovery and removal of toxic organic dyes for waste water management. Interface Focus, 2017, 7, 20160128.	1.5	36
197	An integrated Couette system for in situ shearing of polymer and surfactant solutions and gels with simultaneous small angle x-ray scattering. Review of Scientific Instruments, 1998, 69, 3015-3021.	0.6	35
198	Influence of Added Clay Particles on the Structure and Rheology of a Hexagonal Phase Formed by an Amphiphilic Block Copolymer in Aqueous Solution. Macromolecules, 2003, 36, 1694-1700.	2.2	35

#	Article	IF	Citations
199	Tetragonal and Helical Morphologies from Polyferrocenylsilane Block Polyelectrolytes via Ionic Self-Assembly. Journal of the American Chemical Society, 2013, 135, 2455-2458.	6.6	35
200	Self-assembled RGD dehydropeptide hydrogels for drug delivery applications. Journal of Materials Chemistry B, 2017, 5, 8607-8617.	2.9	35
201	Amino-Acid-Based Metallo-Hydrogel That Acts Like an Esterase. ACS Applied Bio Materials, 2018, 1, 1717-1724.	2.3	35
202	Harmonic corrections to the meanâ€field phase diagram for block copolymers. Journal of Chemical Physics, 1994, 100, 6813-6817.	1.2	34
203	Synthesis, thermal characterization and rheological properties of a homologous series of polymethacrylate-based side-chain liquid crystal polymers. Polymer, 1998, 39, 1197-1205.	1.8	34
204	Linear Melt Rheology and Small-Angle X-ray Scattering of AB Diblocks vs A2B2Four Arm Star Block Copolymers. Macromolecules, 2000, 33, 8399-8414.	2.2	34
205	Chiral organocatalysts based on lipopeptide micelles for aldol reactions in water. Physical Chemistry Chemical Physics, 2017, 19, 1181-1189.	1.3	34
206	Complex layered phases in asymmetric diblock copolymers. Journal De Physique II, 1994, 4, 2161-2186.	0.9	33
207	Crystal thicknesses in semicrystalline oxyethylene/oxybutylene block copolymers by atomic force microscopy and SAXS. Polymer, 1998, 39, 3321-3326.	1.8	33
208	Effect of block architecture on the micellisation and gelation of block copolymers of ethylene oxide and 1,2-butylene oxide in aqueous solution. Journal of the Chemical Society, Faraday Transactions, 1998, 94, 3639-3647.	1.7	33
209	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
210	Morphological Behavior of Thermally Treated Polystyrene-b-polybutadiene-b-poly(Îµ-caprolactone) ABC Triblock Copolymers. Macromolecules, 2003, 36, 4515-4525.	2.2	33
211	The Packing of Triacylglycerols from SAXS Measurements:Â Application to the Structure of 1,3-Distearoyl-2-oleoyl-sn-glycerol Crystal Phases. Journal of Physical Chemistry B, 2004, 108, 8069-8083.	1.2	33
212	Alignment of a Model Amyloid Peptide Fragment in Bulk and at a Solid Surface. Journal of Physical Chemistry B, 2010, 114, 8244-8254.	1.2	33
213	Thermodynamic and Kinetic Study of the Fibrillization of a Family of Tetrapeptides and Its Application to Self-Sorting. What Takes So Long?. Chemistry of Materials, 2015, 27, 3358-3365.	3.2	33
214	Self-Assembly and Collagen-Stimulating Activity of a Peptide Amphiphile Incorporating a Peptide Sequence from Lumican. Langmuir, 2015, 31, 4490-4495.	1.6	33
215	Self-assembly of ultra-small micelles from amphiphilic lipopeptoids. Chemical Communications, 2017, 53, 2178-2181.	2.2	33
216	Halogenation dictates the architecture of amyloid peptide nanostructures. Nanoscale, 2017, 9, 9805-9810.	2.8	33

#	Article	IF	Citations
217	4D Corneal Tissue Engineering: Achieving Timeâ€Dependent Tissue Selfâ€Curvature through Localized Control of Cell Actuators. Advanced Functional Materials, 2019, 29, 1807334.	7.8	33
218	Orientational ordering in the nematic phase of a thermotropic liquid crystal: A small angle neutron scattering study. Journal of Chemical Physics, 1996, 104, 10046-10054.	1.2	32
219	Rheology and Structures of Aqueous Gels of Diblock(Oxyethylene/Oxybutylene) Copolymer E22B7. Journal of Physical Chemistry B, 2000, 104, 9788-9794.	1.2	32
220	Association Properties of a Diblock Copolymer of Ethylene Oxide and Styrene Oxide in Aqueous Solution Studied by Light Scattering and Rheometry. Macromolecular Chemistry and Physics, 2001, 202, 1345-1354.	1.1	32
221	Discotic Liquid Crystalline Triblock Copolymers:Â Interplay of Liquid Crystal Architecture with Microphase Separation. Macromolecules, 2003, 36, 1526-1533.	2.2	32
222	Fibrils and nanotubes assembled from a modified amyloid-Î² peptide fragment differ in the packing of the same Î²-sheet building blocks. Chemical Communications, 2012, 48, 2976.	2.2	32
223	Tuning thermal properties and microphase separation in aliphatic polyester ABA copolymers. Polymer Chemistry, 2015, 6, 1445-1453.	1.9	32
224	Selfâ€Assembly of the Cyclic Lipopeptide Daptomycin: Spherical Micelle Formation Does Not Depend on the Presence of Calcium Chloride. ChemPhysChem, 2016, 17, 2118-2122.	1.0	32
225	Hierarchical Self-Assembly of Histidine-Functionalized Peptide Amphiphiles into Supramolecular Chiral Nanostructures. Langmuir, 2017, 33, 7947-7956.	1.6	32
226	Anomalous Difference in the Orderâ^'Disorder Transition Temperature Comparing a Symmetric Diblock Copolymer AB with Its Hetero-Four-Arm Star Analog A2B2. Macromolecules, 1999, 32, 7483-7495.	2.2	31
227	Self-Assembly of Palmitoyl Lipopeptides Used in Skin Care Products. Langmuir, 2013, 29, 9149-9155.	1.6	31
228	The Effect of Lipidation on the Self-Assembly of the Gut-Derived Peptide Hormone PYY_{3â€“36}. Bioconjugate Chemistry, 2018, 29, 2296-2308.	1.8	31
229	Rheology and Structures of Aqueous Gels of Triblock(oxyethylene/oxybutylene/oxyethylene) Copolymers with Lengthy Oxyethylene Blocks. Langmuir, 2001, 17, 4232-4239.	1.6	30
230	Capillary flow behavior of worm-like micelles studied by small-angle X-ray scattering and small angle light scattering. Polymers for Advanced Technologies, 2006, 17, 137-144.	1.6	30
231	Crystallization and stereocomplexation behavior of poly(<scp>D</scp>â€•and) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 187 Td (copolymers. Journal of Polymer Science, Part B: Polymer Physics, 2011, 49, 1397-1409.	2.4	30
232	Ugi multicomponent reaction to prepare peptideâ€“peptoid hybrid structures with diverse chemical functionalities. Polymer Chemistry, 2018, 9, 482-489.	1.9	30
233	Self-Assembly, Antimicrobial Activity, and Membrane Interactions of Arginine-Capped Peptide Bola-Amphiphiles. ACS Applied Bio Materials, 2019, 2, 2208-2218.	2.3	30
234	Amphipathic design dictates self-assembly, cytotoxicity and cell uptake of arginine-rich surfactant-like peptides. Journal of Materials Chemistry B, 2020, 8, 2495-2507.	2.9	30

#	Article	IF	Citations
235	Simultaneous Rheology and Small-Angle Scattering Experiments on Block Copolymer Gels and Melts in Cubic Phases. Journal of Applied Crystallography, 1998, 31, 881-889.	1.9	29
236	Blends of AB/BC Diblock Copolymers with a Large Interaction Parameter Ï‡. Macromolecules, 2001, 34, 4907-4916.	2.2	29
237	Altering Peptide Fibrillization by Polymer Conjugation. Biomacromolecules, 2012, 13, 2739-2747.	2.6	29
238	Effect of water-soluble polymers, polyethylene glycol and poly(vinylpyrrolidone), on the gelation of aqueous micellar solutions of Pluronic copolymer F127. Journal of Colloid and Interface Science, 2012, 368, 336-341.	5.0	29
239	Sequence length dependence in arginine/phenylalanine oligopeptides: Implications for self-assembly and cytotoxicity. Biophysical Chemistry, 2018, 233, 1-12.	1.5	29
240	X-ray scattering in polymers and micelles. Radiation Physics and Chemistry, 1999, 56, 159-173.	1.4	28
241	Templated Crystallization from Oriented Gyroid and Hexagonal Melt Phases in a Diblock Copolymer. Macromolecules, 2002, 35, 8839-8845.	2.2	28
242	Nanopatterned surfaces obtained with semicrystalline ABC triblock copolymers. Polymer, 2002, 43, 4207-4216.	1.8	28
243	Form Factor of Helical Ribbons. Macromolecules, 2008, 41, 8948-8950.	2.2	28
244	Supramolecular Hydrogel Formation in a Series of Self-Assembling Lipopeptides with Varying Lipid Chain Length. Biomacromolecules, 2017, 18, 2013-2023.	2.6	28
245	Lipopeptides for Vaccine Development. Bioconjugate Chemistry, 2021, 32, 1472-1490.	1.8	28
246	Supramolecular Layered Structures of Comb-like Poly(Î²-peptide)s Showing Thermochromic Properties. Advanced Materials, 2002, 14, 203-205.	11.1	27
247	Chain Architecture as an Orthogonal Parameter To Influence Block Copolymer Morphology. Synthesis and Characterization of Hyperbranched Block Copolymers: HyperBlocks. Macromolecules, 2015, 48, 8806-8822.	2.2	26
248	Peptides for Vaccine Development. ACS Applied Bio Materials, 2022, 5, 905-944.	2.3	26
249	Structure development in multi-block copolymerisation: comparison of experiments with cell dynamics simulations. Polymer, 2000, 41, 2569-2576.	1.8	25
250	Melt Phase Behavior of Poly(oxyethylene)â˜'Poly(oxypropylene) Diblock Copolymers. Macromolecules, 2001, 34, 4079-4081.	2.2	25
251	Templating the patterning of gold nanoparticles using a stained triblock copolymer film surfaceElectronic supplementary information (ESI) available: TEM image of a gold nanoparticle, showing lattice of gold atoms, with corresponding electron diffraction pattern. See http://www.rsc.org/suppdata/jm/b3/b308479p/. Journal of Materials Chemistry, 2003, 13, 2412.	6.7	25
252	Thermally Responsive Elastomeric Supramolecular Polymers Featuring Flexible Aliphatic Hydrogen-Bonding End-Groups. Australian Journal of Chemistry, 2009, 62, 790.	0.5	25

#	Article	IF	Citations
253	Slow-Release RGD-Peptide Hydrogel Monoliths. Langmuir, 2012, 28, 12575-12580.	1.6	25
254	A High-Resolution Calorimetry Study of the Orderâ˜'Disorder Transition in a Diblock Copolymer Melt. Macromolecules, 1997, 30, 6674-6676.	2.2	24
255	Lifshitz points in blends of AB and BC diblock copolymers. Europhysics Letters, 1999, 45, 83-89.	0.7	24
256	A shear induced transition of lamellar alignment in a concentrated diblock copolymer solution. Polymer, 1999, 40, 5709-5714.	1.8	24
257	Mesoscopic Simulations of Lamellar Orientation in Block Copolymers. Macromolecular Theory and Simulations, 2002, 11, 123-127.	0.6	24
258	Multiple Solâ€Gel Transitions of PEGâ€PCLâ€PEG Triblock Copolymer Aqueous Solution. Macromolecular Rapid Communications, 2010, 31, 2064-2069.	2.0	24
259	Self-Assembly of a Designed Amyloid Peptide Containing the Functional Thienylalanine Unit. Journal of Physical Chemistry B, 2010, 114, 10674-10683.	1.2	24
260	Amyloid peptides incorporating a core sequence from the amyloid beta peptide and gamma amino acids: relating bioactivity to self-assembly. Chemical Communications, 2011, 47, 12470.	2.2	24
261	Conformation and Self-Association of Peptide Amphiphiles Based on the KTTKS Collagen Sequence. Langmuir, 2012, 28, 12209-12215.	1.6	24
262	Self-Assembly of a Model Peptide Incorporating a Hexa-Histidine Sequence Attached to an Oligo-Alanine Sequence, and Binding to Gold NTA/Nickel Nanoparticles. Biomacromolecules, 2014, 15, 3412-3420.	2.6	24
263	Hybrid membrane biomaterials from self-assembly in polysaccharide and peptide amphiphile mixtures: controllable structural and mechanical properties and antimicrobial activity. RSC Advances, 2017, 7, 8366-8375.	1.7	24
264	Enhancement of microphase ordering and mechanical properties of supramolecular hydrogen-bonded polyurethane networks. Polymer Chemistry, 2018, 9, 3406-3414.	1.9	24
265	Fluoride-responsive debond on demand adhesives: Manipulating polymer crystallinity and hydrogen bonding to optimise adhesion strength at low bonding temperatures. European Polymer Journal, 2019, 119, 260-271.	2.6	24
266	Asymmetric block copolymers in neutral good solvents: self-diffusion through the ordering transition. Macromolecular Chemistry and Physics, 1997, 198, 983-995.	1.1	23
267	Surface energy of ethylene-co-1-butene copolymers determined by contact angle methods. Journal of Colloid and Interface Science, 2003, 260, 234-239.	5.0	23
268	The Effect of PEG Crystallization on the Morphology of PEG/Peptide Block Copolymers Containing Amyloid Î²â€Peptide Fragments. Macromolecular Chemistry and Physics, 2008, 209, 883-889.	1.1	23
269	Modeling the Tetraphenylalanine-PEG Hybrid Amphiphile: From DFT Calculations on the Peptide to Molecular Dynamics Simulations on the Conjugate. Journal of Physical Chemistry B, 2011, 115, 8937-8946.	1.2	23
270	Structural and morphological studies of the dipeptide based l-Pro-l-Val organocatalytic gels and their rheological behaviour. Soft Matter, 2012, 8, 8865.	1.2	23

#	Article	IF	Citations
271	Tuning Chelation by the Surfactant-Like Peptide A₆H Using Predetermined pH Values. Biomacromolecules, 2014, 15, 591-598.	2.6	23
272	Structural behaviour and gene delivery in complexes formed between DNA and arginine-containing peptide amphiphiles. Soft Matter, 2016, 12, 9158-9169.	1.2	23
273	Nanosheet Formation by an Anionic Surfactant-like Peptide and Modulation of Self-Assembly through Ionic Complexation. Langmuir, 2016, 32, 10387-10393.	1.6	23
274	Self-Assembly of the Toll-Like Receptor Agonist Macrophage-Activating Lipopeptide MALP-2 and of Its Constituent Peptide. Biomacromolecules, 2016, 17, 631-640.	2.6	23
275	Phase Behaviour of Block Copolymer Blends. , 0, , 159-212.		22
276	Nanostructure formation in poly(Î³-benzyl-l-glutamate)â€“poly(ethylene glycol)â€“poly(Î³-benzyl-l-glutamate) triblock copolymers in the solid state. Soft Matter, 2005, 1, 284.	1.2	22
277	Î²-Lactoglobulin Fibers under Capillary Flow. Biomacromolecules, 2007, 8, 77-83.	2.6	22
278	Lateral Phase Separation in Grafted Diblock Copolymer Films. Macromolecules, 2010, 43, 8177-8184.	2.2	22
279	Self-assembly and bioactivity of a polymer/peptide conjugate containing the RGD cell adhesion motif and PEG. European Polymer Journal, 2013, 49, 2961-2967.	2.6	22
280	Spectroscopic signatures of an Fmocâ€“tetrapeptide, Fmoc and fluorene. RSC Advances, 2013, 3, 10854.	1.7	22
281	Amyloid and Hydrogel Formation of a Peptide Sequence from a Coronavirus Spike Protein. ACS Nano, 2022, 16, 1857-1867.	7.3	22
282	In Situ Atomic Force Microscopy Imaging of Block Copolymer Micelles Adsorbed on a Solid Substrate. Langmuir, 2003, 19, 10449-10453.	1.6	21
283	Gelation of Concentrated Micellar Solutions of a Triblock Copolymer of Ethylene Oxide and Styrene Oxide, S5E45S5. Langmuir, 2004, 20, 4272-4278.	1.6	21
284	Interactions of an anionic surfactant with poly(oxyalkylene) copolymers in aqueous solution. Journal of Colloid and Interface Science, 2009, 330, 67-72.	5.0	21
285	Electrospun supramolecular polymer fibres. European Polymer Journal, 2012, 48, 1249-1255.	2.6	21
286	Control of strand registry by attachment of PEG chains to amyloid peptides influences nanostructure. Soft Matter, 2012, 8, 5434.	1.2	21
287	Chiral Perylene Materials by Ionic Self-Assembly. Langmuir, 2016, 32, 9023-9032.	1.6	21
288	Self-Assembly of Minimal Peptoid Sequences. ACS Macro Letters, 2020, 9, 494-499.	2.3	21

#	Article	IF	Citations
289	Magnetic Field-Induced Alignment of Nanofibrous Supramolecular Membranes: A Molecular Design Approach to Create Tissue-like Biomaterials. ACS Applied Materials & Interfaces, 2020, 12, 22661-22672.	4.0	21
290	Shear-induced orientational order in the hexagonal phase of oxyethylene/oxybutylene diblock copolymer gels. Polymer, 1998, 39, 4891-4896.	1.8	20
291	An atomic force microscopy study of ozone etching of a polystyrene/polyisoprene block copolymer. Polymer, 2003, 44, 2403-2410.	1.8	20
292	Small-Angle Neutron Scattering Study of the Structure of Superswollen Micelles Formed by a Highly Asymmetric Poly(oxybutylene)â”Poly(oxyethylene) Diblock Copolymer in Aqueous Solution. Langmuir, 2004, 20, 2992-2994.	1.6	20
293	Comparative characterisation by atomic force microscopy and ellipsometry of soft and solid thin films. Surface and Interface Analysis, 2007, 39, 575-581.	0.8	20
294	Influence of elastase on alanine-rich peptide hydrogels. Biomaterials Science, 2014, 2, 867-874.	2.6	20
295	Self-assembly of a dual functional bioactive peptide amphiphile incorporating both matrix metalloprotease substrate and cell adhesion motifs. Soft Matter, 2015, 11, 3115-3124.	1.2	20
296	Restructuring of Lipid Membranes by an Arginine-Capped Peptide Bolaamphiphile. Langmuir, 2019, 35, 1302-1311.	1.6	20
297	Self-Assembly of Lipopeptides Containing Short Peptide Fragments Derived from the Gastrointestinal Hormone PYY_{3â€“36}: From Micelles to Amyloid Fibrils. Journal of Physical Chemistry B, 2019, 123, 614-621.	1.2	20
298	Orientational ordering in liquid crystals: isotope labelling neutron diffraction experiments. Molecular Physics, 1992, 76, 951-977.	0.8	19
299	Neutron spin-echo investigation of the dynamics of block copolymer micelles. Journal of Chemical Physics, 2003, 119, 8158-8161.	1.2	19
300	Infrared Linear Dichroism Spectroscopy on Amyloid Fibrils Aligned by Molecular Combing. Biomacromolecules, 2011, 12, 1810-1821.	2.6	19
301	A systematic study of the effect of the hard end-group composition on the microphase separation, thermal and mechanical properties of supramolecular polyurethanes. Polymer, 2016, 107, 368-378.	1.8	19
302	Amyloid Peptide Mixtures: Self-Assembly, Hydrogelation, Nematic Ordering, and Catalysts in Aldol Reactions. Langmuir, 2020, 36, 2767-2774.	1.6	19
303	Diblock Copoly(oxyethylene/oxybutylene) E41B8in Water:Â Liquid-Crystal Mesophases Studied by Small-Angle X-ray Scattering. Macromolecules, 1999, 32, 2058-2060.	2.2	18
304	Solubilization of Alkylcyanobiphenyls in Aqueous Micellar Solutions of a Diblock Copolymer of Propylene Oxide and Ethylene Oxide. Langmuir, 2001, 17, 2106-2111.	1.6	18
305	Self-Consistent Field Theory of Block Copolymers. , 0, , 265-293.		18
306	Biomimetic triblock copolymer membranes: from aqueous solutions to solid supports. Soft Matter, 2011, 7, 1129-1138.	1.2	18

#	Article	IF	Citations
307	Tissue Engineering a Fetal Membrane. Tissue Engineering - Part A, 2012, 18, 373-381.	1.6	18
308	Supramolecular Peptide Nanofiber Morphology Affects Mechanotransduction of Stem Cells. Biomacromolecules, 2017, 18, 3114-3130.	2.6	18
309	The design and fabrication of supramolecular semiconductor nanowires formed by benzothienobenzothiophene (BTBT)-conjugated peptides. Nanoscale, 2018, 10, 9987-9995.	2.8	18
310	Nanoscopic Structure of Complexes Formed between DNA and the Cell-Penetrating Peptide Penetratin. Journal of Physical Chemistry B, 2019, 123, 8861-8871.	1.2	18
311	Polymerâ^'Surfactant Vesicular Complexes in Aqueous Medium. Langmuir, 2008, 24, 3767-3772.	1.6	17
312	Aqueous Gels of Mixtures of Ionic Surfactant SDS with Pluronic Copolymers P123 or F127. Langmuir, 2009, 25, 13776-13783.	1.6	17
313	Structure Variation and Evolution in Microphase-Separated Grafted Diblock Copolymer Films. Macromolecules, 2011, 44, 8527-8536.	2.2	17
314	Molecular insights into aggregates made of amphiphilic Fmoc-tetrapeptides. Soft Matter, 2013, 9, 11021.	1.2	17
315	Bio-fabrication and physiological self-release of tissue equivalents using smart peptide amphiphile templates. Journal of Materials Science: Materials in Medicine, 2015, 26, 242.	1.7	17
316	Fmocâ€"RGDS based fibrils: atomistic details of their hierarchical assembly. Physical Chemistry Chemical Physics, 2016, 18, 1265-1278.	1.3	17
317	A dynamic supramolecular polyurethane network whose mechanical properties are kinetically controlled. Polymer, 2017, 133, 143-150.	1.8	17
318	Conformation and Aggregation of Selectively PEGylated and Lipidated Gastric Peptide Hormone Human PYY_{3â€"36}. Biomacromolecules, 2018, 19, 4320-4332.	2.6	17
319	Crystallization and lamellar nanosheet formation of an aromatic dipeptoid. Chemical Communications, 2019, 55, 5867-5869.	2.2	17
320	Chain-End Modifications and Sequence Arrangements of Antimicrobial Peptoids for Mediating Activity and Nano-Assembly. Frontiers in Chemistry, 2020, 8, 416.	1.8	17
321	Self-assembly and intracellular delivery of DNA by a truncated fragment derived from theTrojanpeptidePenetratin. Soft Matter, 2020, 16, 4746-4755.	1.2	17
322	On the morphology of a lamellar triblock copolymer film. Journal De Physique II, 1993, 3, 139-146.	0.9	17
323	Shear-induced layer alignment in the smectic phase of a side chain liquid crystal polymer. Polymer, 1999, 40, 3599-3603.	1.8	16
324	Correlation of lattice deformation with macroscopic strain for the hexagonal-packed cylinder phase of a triblock copolymer. Polymer, 2000, 41, 2577-2582.	1.8	16

#	Article	IF	Citations
325	Small-angle X-ray scattering study of a poly(oxyphenylethylene)-poly(oxyethylene) diblock copolymer gel under shear flow. Colloid and Polymer Science, 2001, 279, 621-628.	1.0	16
326	Mesoscopic crystallography of shear-aligned soft materials. Journal of Applied Crystallography, 2004, 37, 341-344.	1.9	16
327	Interface influence. Nature Chemistry, 2010, 2, 707-708.	6.6	16
328	Self-assembly of an amyloid peptide fragmentâ€“PEG conjugate: lyotropic phase formation and influence of PEG crystallization. Polymer Chemistry, 2010, 1, 453-459.	1.9	16
329	Multiple hydrogen bonds induce formation of nanoparticles with internal microemulsion structure by an amphiphilic copolymer. Soft Matter, 2011, 7, 10116.	1.2	16
330	Electrochemical sensing of 2D condensation in amyloid peptides. Electrochimica Acta, 2013, 106, 43-48.	2.6	16
331	Supra-molecular assembly of a lumican-derived peptide amphiphile enhances its collagen-stimulating activity. Biomaterials Science, 2016, 4, 346-354.	2.6	16
332	Liquid-solid transition in a model hard sphere system of block copolymer micelles. Physical Review E, 2002, 65, 050601.	0.8	15
333	Orientational ordering in the nematic phase of a polyethylene glycolâ€“peptide conjugate in aqueous solution. Physical Review E, 2008, 77, 062901.	0.8	15
334	A self-assembling fluorescent dipeptide conjugate for cell labelling. Colloids and Surfaces B: Biointerfaces, 2016, 137, 104-108.	2.5	15
335	Self-Assembly of a Catalytically Active Lipopeptide and Its Incorporation into Cubosomes. ACS Applied Bio Materials, 2019, 2, 3639-3647.	2.3	15
336	The aging effect on the enhancement of thermal stability, mechanical stiffness and fluorescence properties of histidine-appended naphthalenediimide based two-component hydrogels. Soft Matter, 2020, 16, 10106-10114.	1.2	15
337	Assembly of Centimeter Long Silica Coated FePt Colloid Crystals with Tailored Interstices by Magnetic Crystallization. Chemistry of Materials, 2008, 20, 4554-4556.	3.2	14
338	Supramolecular Structures of Enzyme Clusters. Journal of Physical Chemistry Letters, 2011, 2, 1395-1399.	2.1	14
339	Reversible thermal transition of polydiacetylene based on KTTKS collagen sequence. Chemical Communications, 2012, 48, 9774.	2.2	14
340	A peptide hydrogel derived from a fragment of human cardiac troponin C. Chemical Communications, 2016, 52, 4056-4059.	2.2	14
341	The Conformation and Aggregation of Proline-Rich Surfactant-Like Peptides. Journal of Physical Chemistry B, 2018, 122, 1826-1835.	1.2	14
342	Unravelling the role of amino acid sequence order in the assembly and function of the amyloid-Î² core. Chemical Communications, 2019, 55, 8595-8598.	2.2	14

#	Article	IF	Citations
343	A Selfâ€Assembled Peptideâ€Appended Naphthalene Diimide: A Fluorescent Switch for Sensing Acid and Base Vapors. ChemPlusChem, 2019, 84, 1673-1680.	1.3	14
344	Model self-assembling arginine-based tripeptides show selective activity against Pseudomonas bacteria. Chemical Communications, 2020, 56, 615-618.	2.2	14
345	Self-Assembly, Nematic Phase Formation, and Organocatalytic Behavior of a Proline-Functionalized Lipopeptide. ACS Applied Materials & Interfaces, 2020, 12, 13671-13679.	4.0	14
346	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
347	A neutron scattering study of orientational ordering in the smectic and nematic phases of the liquid crystal, 2â€²,3â€²-difluoro-4-heptyl-4â€³-nonyl p-terphenyl. Journal of Chemical Physics, 2002, 116, 3887-3899.	1.2	13
348	A Small-Angle X-ray Scattering Study of the Structure of Gels Formed by Poly(oxyethylene)â^Poly(oxypropylene) Diblock Copolymers in Water. Langmuir, 2002, 18, 1051-1055.	1.6	13
349	SANS and Rheology Study of Aqueous Solutions and Gels Containing Highly Swollen Diblock Copolymer Micelles. Langmuir, 2003, 19, 3229-3235.	1.6	13
350	Silica templating of a self-assembling peptide amphiphile that forms nanotapes. Soft Matter, 2014, 10, 1660.	1.2	13
351	Alpha helical surfactant-like peptides self-assemble into pH-dependent nanostructures. Soft Matter, 2021, 17, 3096-3104.	1.2	13
352	Cubic gels and lamellar crystals in concentrated solutions of an amphiphilic diblock copolymer. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 1998, 145, 185-190.	2.3	12
353	Cryo-TEM imaging of block copolymer micelles containing solubilized liquid crystal. Colloid and Polymer Science, 2004, 282, 514-517.	1.0	12
354	Applications of Block Copolymer Surfactants. , 0, , 325-340.		12
355	In situ formation of gold nanoparticles with a thermoresponsive block copolymer corona. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2008, 317, 764-767.	2.3	12
356	Interactions of Bovine Serum Albumin with Ethylene Oxide/Butylene Oxide Copolymers in Aqueous Solution. Biomacromolecules, 2008, 9, 1366-1371.	2.6	12
357	Influence of a non-ionic amphiphilic copolymer on the self-assembly of a peptide amphiphile that forms nanotapes. Soft Matter, 2012, 8, 8608.	1.2	12
358	Supramolecular Threading of Peptide Hydrogel Fibrils. ACS Biomaterials Science and Engineering, 2018, 4, 2733-2738.	2.6	12
359	Melanin production by tyrosinase activity on a tyrosine-rich peptide fragment and pH-dependent self-assembly of its lipidated analogue. Organic and Biomolecular Chemistry, 2019, 17, 4543-4553.	1.5	12
360	Design of a multipurpose sample cell holder for the Diamond Light Source high-throughput SAXS beamline B21. Journal of Synchrotron Radiation, 2021, 28, 318-321.	1.0	12

#	Article	IF	Citations
361	Strain-induced instabilities in hexagonal columnar phases. Physical Review E, 1994, 50, 2872-2880.	0.8	11
362	Micellar and surface properties of a poly(methyl methacrylate)â€“blockâ€“poly(N-isopropylacrylamide) copolymer in aqueous solution. Journal of Colloid and Interface Science, 2008, 320, 70-73.	5.0	11
363	Multiple morphologies of gold nano-plates by high-temperature polyol syntheses. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2009, 336, 1-7.	2.3	11
364	Local orientational disorder in peptide fibrils probed by a combination of residue-specific 13Câ€“18O labelling, polarised infrared spectroscopy and molecular combing. Chemical Communications, 2012, 48, 11835.	2.2	11
365	Î²â€sheet assembly in amyloidogenic glutamic acid nanostructures: Insights from Xâ€ray scattering and infrared nanospectroscopy. Journal of Peptide Science, 2019, 25, e3170.	0.8	11
366	Introduction to Block Copolymers. , 0, , 1-29.		10
367	Spontaneous condensation in DNA-polystyrene- b-poly(l-lysine) polyelectrolyte block copolymer mixtures. European Physical Journal E, 2006, 20, 1-6.	0.7	10
368	A SAXS study of flow alignment of thermotropic liquid crystal mixtures. Liquid Crystals, 2009, 36, 435-442.	0.9	10
369	Dynamics of shear-induced orientation transitions in block copolymers. Soft Matter, 2010, 6, 1941.	1.2	10
370	Doubleâ€Gyroid Morphology of a Polystyreneâ€blockâ€Poly(ferrocenylethylmethylsilane) Diblock Copolymer: A Route to Ordered Bicontinuous Nanoscale Architectures. Macromolecular Chemistry and Physics, 2011, 212, 198-201.	1.1	10
371	Determination of orientations of aromatic groups in self-assembled peptide fibrils by polarised Raman spectroscopy. Physical Chemistry Chemical Physics, 2013, 15, 13940.	1.3	10
372	Self-Assembly of Telechelic Tyrosine End-Capped PEO and Poly(alanine) Polymers in Aqueous Solution. Biomacromolecules, 2016, 17, 1186-1197.	2.6	10
373	Amyloid Formation by Short Peptides in the Presence of Dipalmitoylphosphatidylcholine Membranes. Langmuir, 2020, 36, 14793-14801.	1.6	10
374	Peptide nanotubes self-assembled from leucine-rich alpha helical surfactant-like peptides. Chemical Communications, 2020, 56, 11977-11980.	2.2	10
375	Extensional and shear rheometry of oriented triblock copolymers. Rheologica Acta, 2000, 39, 191-200.	1.1	9
376	Flow mechanisms in the face-centred cubic micellar gel of a diblock copolymer. Colloid and Polymer Science, 2001, 279, 1029-1033.	1.0	9
377	Dynamic light scattering study of the dynamics of a gelled polymeric micellar system. Journal of Chemical Physics, 2004, 121, 11474.	1.2	9
378	Ozone etching of a highly asymmetric triblock copolymer with a majority polydiene component. European Polymer Journal, 2004, 40, 1715-1721.	2.6	9

#	Article	IF	Citations
379	Structure of Aqueous Gels Formed by Triblock and Diblock Copolymers with Oxyethylene and Oxyphenylethylene Blocks. Journal of Macromolecular Science - Physics, 2004, 43, 13-27.	0.4	9
380	A Rheological and SAXS Study of the Lamellar Order in a Side-on Liquid Crystalline Block Copolymer. Macromolecules, 2005, 38, 10736-10742.	2.2	9
381	Surface structure of thin asymmetric PS-b-PMMA diblock copolymers investigated by atomic force microscopy. European Polymer Journal, 2007, 43, 789-796.	2.6	9
382	Highly Asymmetric Phase Diagram of a Poly(1,2â€octylene oxide)â€“Poly(ethylene oxide) Diblock Copolymer System Comprising a Brushâ€Like Poly(1,2â€octylene oxide) Block. Macromolecular Rapid Communications, 2009, 30, 2141-2146.	2.0	9
383	The effect of n-, s- and t-butanol on the micellization and gelation of Pluronic P123 in aqueous solution. Journal of Colloid and Interface Science, 2011, 353, 482-489.	5.0	9
384	High potency of lipid conjugated TLR7 agonist requires nanoparticulate or liposomal formulation. European Journal of Pharmaceutical Sciences, 2018, 123, 268-276.	1.9	9
385	Nanostructure Formation and Cell Spheroid Morphogenesis of a Peptide Supramolecular Hydrogel. Langmuir, 2022, 38, 3434-3445.	1.6	9
386	Fast and Easy Flow-Alignment Technique of Lyotropic Liquid-Crystalline Hexagonal Phases of Block Copolymers and Surfactants. Macromolecules, 2001, 34, 3503-3506.	2.2	8
387	Ordered structures and phase transitions in thin films of polystyrene/polyisoprene block copolymer and blends with the corresponding homopolymers. Journal of Materials Science, 2004, 39, 2249-2252.	1.7	8
388	Lithography with Self-Assembled Block Copolymer Microdomains. , 0, , 295-323.		8
389	Fibrillisation of ring-closed amyloid peptides. Chemical Communications, 2012, 48, 3757.	2.2	8
390	Microphase separation induced in the melt of Pluronic copolymers by blending with a hydrogen bonding ureaâ€urethane end-capped supramolecular polymer. Soft Matter, 2015, 11, 5799-5803.	1.2	8
391	Self-Assembly of Telechelic Tyrosine End-Capped PEO Star Polymers in Aqueous Solution. Biomacromolecules, 2018, 19, 167-177.	2.6	8
392	Self-Assembled Micellar Structures of Lipopeptides with Variable Number of Attached Lipid Chains Revealed by Atomistic Molecular Dynamics Simulations. Journal of Physical Chemistry B, 2018, 122, 9605-9615.	1.2	8
393	Inhomogeneous flow in a micellar solution of a diblock copolymer: creep rheometry experiments. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2002, 196, 39-50.	2.3	7
394	Structural Analysis of PEOâ^'PBO Copolymer Monolayers at the Airâ^'Water Interface. Langmuir, 2006, 22, 8821-8825.	1.6	7
395	Small-angle x-ray scattering study of flow alignment of a thermotropic liquid crystal in the nematic and smectic phases. Physical Review E, 2006, 74, 020701.	0.8	7
396	A SAXS study of the structure of gels formed by mixtures of polyoxyalkylene triblock copolymers. Polymer International, 2007, 56, 88-92.	1.6	7

#	Article	IF	Citations
397	Thermally Regulated Reversible Formation of Vesicle-Like Assemblies by Hexaproline Amphiphiles. Journal of Physical Chemistry B, 2017, 121, 7443-7446.	1.2	7
398	Self-assembling unsymmetrical bis-ureas. Reactive and Functional Polymers, 2018, 124, 156-161.	2.0	7
399	Scattering from uniform, cylindrically symmetric particles in liquid crystal phases. Journal of Chemical Physics, 1991, 95, 9376-9383.	1.2	6
400	SAXS study of the swelling and shear orientation of the lamellar phase formed by a diblock copolymer. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2002, 211, 9-18.	2.3	6
401	Structure and transformation of low-temperature phases of 1,3-distearoyl-2-oleoyl glycerol. European Journal of Lipid Science and Technology, 2004, 106, 319-324.	1.0	6
402	Recent Developments in Synthesis of Model Block Copolymers Using Ionic Polymerisation. , 0, , 31-69.		6
403	Tuning Ordered Pattern of Pd Species through Controlled Block Copolymer Self-Assembly. Journal of Physical Chemistry B, 2016, 120, 6829-6841.	1.2	6
404	Polymorphism of asymmetric catalysts based on amphiphilic lipopeptides in solution. Soft Matter, 2020, 16, 4615-4624.	1.2	6
405	The effect of chiral end groups on the assembly of supramolecular polyurethanes. Polymer Chemistry, 2021, 12, 4488-4500.	1.9	6
406	Diffuse scattering from lamellar structures. Soft Matter, 2022, 18, 711-721.	1.2	6
407	The influence of molecular biaxiality on intramolecular X-ray and neutron scattering from uniaxial nematic liquid crystals. Molecular Physics, 1991, 74, 1221-1231.	0.8	5
408	Chain length dependence of the mean field temperature in poly(oxyethylene)â€“poly(oxybutylene) diblock copolymers. Physical Chemistry Chemical Physics, 1999, 1, 2093-2095.	1.3	5
409	Structures of amphiphilic block copolymers in their liquid and solid states. , 2000, , 151-167.		5
410	Melt Behaviour of Block Copolymers. , 0, , 127-158.		5
411	Interactions of KLVFFâ€PEG Peptide Conjugate with Fibrinogen in Neutral Aqueous Solutions. Macromolecular Bioscience, 2008, 8, 1182-1189.	2.1	5
412	Hydrodynamic behaviors of amphiphilic dendritic polymers with different degrees of amidation. Polymer Chemistry, 2016, 7, 3126-3133.	1.9	5
413	Self-Assembly Kinetics of Amphiphilic Dendritic Copolymers. Macromolecules, 2017, 50, 1657-1665.	2.2	5
414	Self-assembled gold nanoparticles and amphiphile peptides: a colorimetric probe for copper(ii) ion detection. Dalton Transactions, 2020, 49, 16226-16237.	1.6	5

#	Article	IF	Citations
415	Smectic ordering in a vitrified side-chain liquid crystal polymer film. Journal of Materials Science Letters, 1998, 17, 339-341.	0.5	4
416	Stress relaxation experiments on a lamellar polystyreneâ€“polyisoprene diblock copolymer melt. Polymer, 2001, 42, 7203-7208.	1.8	4
417	Solubilization of Alkylcyanobiphenyl Liquid Crystals in Aqueous Micellar Solutions of a Diblock Copolymer of Propylene Oxide and Ethylene Oxide Studied Using Dynamic and Static Light Scattering. Journal of Physical Chemistry B, 2002, 106, 11728-11736.	1.2	4
418	A Î²â€amino acid modified heptapeptide containing a designed recognition element disrupts fibrillization of the amyloid Î²â€peptide. Journal of Peptide Science, 2010, 16, 443-450.	0.8	4
419	Biomimetic soft matter. Soft Matter, 2011, 7, 9533.	1.2	4
420	Phase separated structures in tethered dPSâ€“PMMA copolymer films revealed using X-ray scattering with a novel contrast enhancement agent. Polymer Chemistry, 2011, 2, 619-624.	1.9	4
421	Phase separation in thin films of endâ€grafted block copolymers. Polymers for Advanced Technologies, 2011, 22, 924-932.	1.6	4
422	Investigations on the micellization of amphiphilic dendritic copolymers: From unimers to micelles. Journal of Colloid and Interface Science, 2018, 514, 609-614.	5.0	4
423	Benzene tricarboxamide derivatives with lipid and ethylene glycol chains self-assemble into distinct nanostructures driven by molecular packing. Chemical Communications, 2021, 57, 8360-8363.	2.2	4
424	Orientational correlations in stripe patterns. Physica B: Condensed Matter, 2002, 322, 110-115.	1.3	3
425	Structure and shear orientation of a side chain liquid crystal polymer studied by small angle X-ray scattering. Liquid Crystals, 2004, 31, 663-670.	0.9	3
426	SAXS Investigation of ABC Triblock Star Terpolymers in Aqueous Solution. Journal of Macromolecular Science - Physics, 2004, 43, 43-57.	0.4	3
427	Ellipsometric study of adsorption on nanopatterned block copolymer substrates. Journal of Chemical Physics, 2005, 122, 104902.	1.2	3
428	Self-assembled peptides: from nanostructure to bioactivity. Interface Focus, 2017, 7, 20170062.	1.5	3
429	A Light and Xâ€Ray Scattering Study of Aqueous Micellar Solutions of a Diblock Copolymer of Propylene Oxide and Ethylene Oxide with Solubilized Alkylcyanobiphenyl Liquid Crystals. Journal of Macromolecular Science - Physics, 2004, 43, 893-912.	0.4	2
430	Self-Assembling Nanostructured Molecular Materials and Devices. , 2005, , 343-376.		2
431	Pressure Effects Revealed by Small Angle Neutron Scattering on Block Copolymer Gels. Langmuir, 2008, 24, 8319-8324.	1.6	2
432	Self-assembly of the anti-fungal polyene amphotericin B into giant helically-twisted nanotapes. Chemical Communications, 2015, 51, 17680-17683.	2.2	2

#	Article	IF	Citations
433	Interactions between lipid-free apolipoprotein-AI and a lipopeptide incorporating the RGDS cell adhesion motif. Nanoscale, 2015, 7, 171-178.	2.8	2
434	Self-Assembly of Angiotensin-Converting Enzyme Inhibitors Captopril and Lisinopril and Their Crystal Structures. Langmuir, 2021, 37, 9170-9178.	1.6	2
435	Introduction to peptide soft materials. Soft Matter, 2020, 16, 9998-10000.	1.2	2
436	Methods for Small-Angle Scattering Measurements on Peptiplexes of DNA with Cell-Penetrating Peptides. Methods in Molecular Biology, 2022, 2383, 181-196.	0.4	2
437	Nanostructured dimethacrylate-based photopolymerizable systems by modification with diblock copolymers. Polymer, 2021, 237, 124360.	1.8	2
438	Development of Elastomers Based on Fully Hydrogenated Styreneâ€“Diene Block Copolymers. , 0, , 341-361.		1
439	Colloids. , 0, , 111-159.		1
440	Osmotic pressure and aggregate shape in BSA/poly(ethylene glycol)-lipid/Dextran solutions. Biophysical Chemistry, 2008, 134, 34-38.	1.5	1
441	Genetic Expression of an Amyloid Peptide Fragment and Analysis of Formylated Products. Organic Letters, 2011, 13, 2572-2575.	2.4	1
442	Large research consortia not the answer to European fragmentation. Nature Materials, 2003, 2, 500-500.	13.3	0
443	Syntheses and Characterizations of Block Copolymers Prepared via Controlled Radical Polymerization Methods. , 0, , 71-125.		0
444	Dynamical Microphase Modelling with Mesodyn. , 0, , 245-264.		0
445	Amphiphiles. , 0, , 161-220.		0
446	Biological Soft Matter. , 0, , 275-311.		0
447	Numerical Solutions to Questions. , 0, , 313-315.		0
448	Structure and Shear-Induced Order in Blends of a Diblock Copolymer with the Corresponding Homopolyme. Nanoscience and Technology, 2007, , 159-170.	1.5	0
449	The Instructive Role of Biomaterials in Cell-Based Therapy and Tissue Engineering. RSC Soft Matter, 2014, , 73-94.	0.2	0
450	Emerging themes in polymer rheology. , 0, , 185-197.		0

#	Article	IF	Citations
451	Emerging themes in polymer theory. , 0, , 223-240.		0