

Nanotechnology with Soft Materials

Angewandte Chemie - International Edition

42, 1692-1712

DOI: 10.1002/anie.200200546

Citation Report

#	ARTICLE	IF	CITATIONS
1	Introduction to micro-analytical systems: bioanalytical and pharmaceutical applications. European Journal of Pharmaceutical Sciences, 2003, 20, 149-171.	4.0	137
2	Nanotechnology with Soft Materials. ChemInform, 2003, 34, no.	0.0	1
3	Nanostructure fabrication using block copolymers. Nanotechnology, 2003, 14, R39-R54.	2.6	735
4	Size- and Shape-Controlled Fabrication of Large-Area Periodic Nanopillar Arrays. Chemistry of Materials, 2003, 15, 2917-2920.	6.7	75
5	Nanoorganization of Reactive Mixtures of Mid-Functional Polystyrene with End-Functional Oligomer. Macromolecules, 2003, 36, 8890-8893.	4.8	4
6	Fabrication of Size-Tunable Large-Area Periodic Silicon Nanopillar Arrays with Sub-10-nm Resolution. Journal of Physical Chemistry B, 2003, 107, 9950-9953.	2.6	73
7	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
8	Sub-100 nm Confinement of Magnetic Nanoparticles Using Localized Magnetic Field Gradients. Journal of the American Chemical Society, 2003, 125, 12704-12705.	13.7	62
9	Periodic Mesoporous Dendrisilicas. Science, 2004, 306, 1529-1532.	12.6	129
10	Preparation of Organic/Inorganic Hybrid Hollow Particles Based on Gelation of Polymer Vesicles. Macromolecules, 2004, 37, 5710-5716.	4.8	140
11	Self-assembled polymeric solid films with temperature-induced large and reversible photonic-bandgap switching. Nature Materials, 2004, 3, 872-876.	27.5	219
12	Two-Component Dendritic Gel: Effect of Spacer Chain Length on the Supramolecular Chiral Assembly. Langmuir, 2004, 20, 7070-7077.	3.5	104
13	Smart materials based on self-assembled hydrogen-bonded comb-shaped supramolecules. Chemical Record, 2004, 4, 219-230.	5.8	75
14	Self-Assembly in a Bipolar Phosphocholine-Water System: The Formation of Nanofibers and Hydrogels. Angewandte Chemie - International Edition, 2004, 43, 245-247.	13.8	71
15	Integrated Nanoparticle-Biomolecule Hybrid Systems: Synthesis, Properties, and Applications. Angewandte Chemie - International Edition, 2004, 43, 6042-6108.	13.8	2,320
16	Organic-Inorganic Hybrid Nanoparticles with a Complex Hollow Structure. Angewandte Chemie - International Edition, 2004, 43, 5084-5087.	13.8	161
20	Structure and Dynamics of Self-Assembled Poly(ethylene glycol) Based Coiled-Coil Nano-Objects. ChemPhysChem, 2004, 5, 488-494.	2.1	43
21	Asymmetric ABC-Triblock Copolymer Membranes Induce a Directed Insertion of Membrane Proteins. Macromolecular Bioscience, 2004, 4, 930-935.	4.1	151

#	ARTICLE	IF	CITATIONS
22	Two-Component Dendritic Gel: Effect of Stereochemistry on the Supramolecular Chiral Assembly. Chemistry - A European Journal, 2004, 10, 5901-5910.	3.3	145
23	Self-assembled monolayers of bis(salicylaldiminato)nickel(II) Schiff-base complexes: synthesis and structure. Inorganica Chimica Acta, 2004, 357, 3865-3870.	2.4	8
24	Preparation, Characterization, and Solution Viscosity of Polystyrene-block-polyisoprene Nanofiber Fractions. Langmuir, 2004, 20, 4677-4683.	3.5	34
25	Hierarchical self-assembly in polymeric complexes: Towards functional materials. Chemical Communications, 2004, , 2131.	4.1	389
26	Dendron-grafted sulfur-terminated phenyleneethynylene molecular rods and blue luminescence self-assembly with Au nanoparticles. Chemical Communications, 2004, , 1904-1905.	4.1	10
27	Microstructure and Physical Properties of a pH-Responsive Gel Based on a Novel Biocompatible ABA-Type Triblock Copolymer. Langmuir, 2004, 20, 4306-4309.	3.5	66
28	Direct Thermal Fluorination of Single Wall Carbon Nanohorns. Journal of Physical Chemistry B, 2004, 108, 9614-9618.	2.6	32
29	Self-Organization and Phase Behavior of Hydrogen-Bonded Mixtures of End-Functional Polymer with Surfactant. Macromolecules, 2004, 37, 1152-1155.	4.8	10
30	Novel Molecular Weight and Solvatochromisms in Poly(methyl-3,3,3-trifluoropropylsilane) Induced by Cooperative Through-Space Si \cdots F \cdots C Interactions. Macromolecules, 2004, 37, 5873-5879.	4.8	24
31	Inorganic Nanodots from Thin Films of Block Copolymers. Nano Letters, 2004, 4, 1841-1844.	9.1	113
32	Cooperation of multiple CH \cdots N interactions to stabilize polymers in aromatic nanochannels as indicated by 2D solid state NMR. Chemical Communications, 2004, , 768-769.	4.1	99
33	Synthesis of Polymer Nanospheres and Carbon Nanospheres Using the Monomer 1,8-Dihydroxymethyl-1,3,5,7-octatetrayne. Nano Letters, 2004, 4, 2271-2276.	9.1	42
34	Magnetite-Containing Spherical Silica Nanoparticles for Biocatalysis and Bioseparations. Analytical Chemistry, 2004, 76, 1316-1321.	6.5	487
35	Chiral, single-molecule nanomagnets: synthesis, magnetic characterization and natural and magnetic circular dichroism. Journal of Materials Chemistry, 2004, 14, 2455-2460.	6.7	48
36	Monofunctional Group-Modified Gold Nanoparticles from Solid Phase Synthesis Approach: A Solid Support and Experimental Condition Effect. Chemistry of Materials, 2004, 16, 3746-3755.	6.7	63
37	Morphology Development of Ultrathin Symmetric Diblock Copolymer Film via Solvent Vapor Treatment. Macromolecules, 2004, 37, 7301-7307.	4.8	199
38	Coordination Networks through the Dimensions: From Discrete Clusters to 1D, 2D, and 3D Silver(I) Coordination Polymers with Rigid Aliphatic Amino Ligands. Inorganic Chemistry, 2004, 43, 4953-4961.	4.0	69
39	Polymeric silver(i) coordination tubes Electronic supplementary information (ESI) available: experimental details. See http://www.rsc.org/suppdata/cc/b3/b312876h/ . Chemical Communications, 2004, , 136.	4.1	42

#	ARTICLE	IF	CITATIONS
40	Comparison Study of the Solution Phase versus Solid Phase Place Exchange Reactions in the Controlled Functionalization of Gold Nanoparticles. Langmuir, 2004, 20, 8343-8351.	3.5	49
41	One-Component Gels Based on Peptidic Dendrimers:Â Dendritic Effects on Materials Properties. Langmuir, 2004, 20, 6580-6585.	3.5	70
42	Self-assembly of two-component peptidic dendrimers: dendritic effects on gel-phase materials. Organic and Biomolecular Chemistry, 2004, 2, 2965.	2.8	49
43	Determination of the Bioavailability of Biotin Conjugated onto Shell Cross-Linked (SCK) Nanoparticles. Journal of the American Chemical Society, 2004, 126, 6599-6607.	13.7	180
44	Morphological and textural control of spray-dried mesoporous silica-based spheres. Journal of Materials Chemistry, 2004, 14, 2006-2016.	6.7	33
45	Metal Colloid Formation by Calix[4]arene Gallate Ester for Silver-Ion Determination. Bunseki Kagaku, 2005, 54, 527-531.	0.2	1
46	Self-assembly using dendritic building blocksâ€”towards controllable nanomaterials. Progress in Polymer Science, 2005, 30, 220-293.	24.7	178
47	Toward â€˜smartâ€™ nano-objects by self-assembly of block copolymers in solution. Progress in Polymer Science, 2005, 30, 691-724.	24.7	748
48	Polymer whiskers based on p-mercaptobenzoyl and p-oxybenzoyl blocks. Polymer, 2005, 46, 2191-2200.	3.8	4
49	Synthesis and surface engineering of iron oxide nanoparticles for biomedical applications. Biomaterials, 2005, 26, 3995-4021.	11.4	5,951
50	Control of pore hydrophilicity in ordered nanoporous polystyrene using an AB/AC block copolymer blending strategy. Faraday Discussions, 2005, 128, 149.	3.2	47
51	Synthesis of gold nanoparticles within a supramolecular gel-phase network. Chemical Communications, 2005, , 1971.	4.1	114
52	Biomimetism and bioinspiration as tools for the design of innovative materials and systems. Nature Materials, 2005, 4, 277-288.	27.5	1,294
53	Formation of [60]Fullerene Nanoclusters with Controlled Size and Morphology through the Aid of Supramolecular Rod-Coil Diblock Copolymers. Angewandte Chemie - International Edition, 2005, 44, 1257-1261.	13.8	45
54	Periodic Mesoporous Organosilicas: Self-Assembly from Bridged Cyclic Silsesquioxane Precursors. Angewandte Chemie - International Edition, 2005, 44, 2107-2109.	13.8	23
55	High-Affinity Multivalent DNA Binding by Using Low-Molecular-Weight Dendrons. Angewandte Chemie - International Edition, 2005, 44, 2556-2559.	13.8	119
59	Organic-Inorganic Nanohybridization by Block Copolymer Thin Films. Advanced Functional Materials, 2005, 15, 1160-1164.	14.9	79
60	Self-Assembly of ZnO Nanorods and Nanosheets into Hollow Microhemispheres and Microspheres. Advanced Materials, 2005, 17, 756-760.	21.0	396

#	ARTICLE	IF	CITATIONS
61	Towards Internal Structuring of Electrospun Fibers by Hierarchical Self-Assembly of Polymeric Comb-Shaped Supramolecules. <i>Advanced Materials</i> , 2005, 17, 1048-1052.	21.0	70
62	Sterically Mediated Two-Dimensional Architectures in Aggregates of Au Nanoparticles Directed by Phosphorothioate Oligonucleotide-DNA. <i>Advanced Materials</i> , 2005, 17, 2066-2070.	21.0	42
63	Block Copolymer Nanocomposites: Perspectives for Tailored Functional Materials. <i>Advanced Materials</i> , 2005, 17, 1331-1349.	21.0	807
64	Thin Films of Block Copolymers as Planar Optical Waveguides. <i>Advanced Materials</i> , 2005, 17, 2442-2446.	21.0	43
65	Solvent Induced Sphere Development in Symmetric Diblock Copolymer Thin Films. <i>Macromolecular Rapid Communications</i> , 2005, 26, 738-743.	3.9	26
66	Predicting the Morphology of Metallo-Supramolecular Block Copolymers with Bulky Counter Ions. <i>Macromolecular Rapid Communications</i> , 2005, 26, 1948-1954.	3.9	3
67	Two-Component Gel-Phase Materials—Highly Tunable Self-Assembling Systems. <i>Chemistry - A European Journal</i> , 2005, 11, 5496-5508.	3.3	349
68	Unique Nanoscale Morphologies Underpinning Organic Gel-Phase Materials. <i>Chemistry - A European Journal</i> , 2005, 11, 6552-6559.	3.3	83
69	Crystallographically-oriented single-crystalline copper nanowire arrays electrochemically grown into nanoporous anodic alumina templates. <i>Applied Physics A: Materials Science and Processing</i> , 2005, 81, 17-24.	2.3	54
70	Highly ordered microstructures of poly(styrene- <i>b</i> -isoprene) block copolymers induced by solution meniscus. <i>Polymer</i> , 2005, 46, 9133-9143.	3.8	16
71	Self-assembly and flow alignment of protonically conducting complexes of polystyrene-poly(4-vinylpyridine) diblock copolymer with phosphoric acid. <i>Solid State Ionics</i> , 2005, 176, 1291-1299.	2.7	18
72	Self-organization and luminescent properties of nanostructured europium (III)-block copolymer complex thin films. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2005, 43, 2181-2189.	2.1	27
73	Rheological and mechanical properties of PEO/block copolymer blends. <i>Polymer Engineering and Science</i> , 2005, 45, 1385-1394.	3.1	11
74	Hybrid metal-polymer composites from functional block copolymers. <i>Journal of Polymer Science Part A</i> , 2005, 43, 4323-4336.	2.3	138
75	Influence of pH on the Micelle-to-Vesicle Transition in Aqueous Mixtures of Sodium Dodecyl Benzenesulfonate with Histidine. <i>Journal of Physical Chemistry B</i> , 2005, 109, 11675-11682.	2.6	44
76	Fabrication of Highly-ordered and Densely-spaced Silicon Nano-needle Arrays for Bio-sensing Applications. <i>Materials Research Society Symposia Proceedings</i> , 2005, 900, 1.	0.1	0
77	Self-assembled morphologies of monotethered polyhedral oligomeric silsesquioxane nanocubes from computer simulation. <i>Journal of Chemical Physics</i> , 2005, 123, 184718.	3.0	57
78	Effect of nanoconfinement on liquid-crystal polymer chains. <i>Journal of Chemical Physics</i> , 2005, 123, 224705.	3.0	26

#	ARTICLE	IF	CITATIONS
79	Phase Behavior of Triblock Copolymers Varying in Molecular Asymmetry. Physical Review Letters, 2005, 95, 168306.	7.8	53
80	Self-Assembly and Nanostructured Materials. , 2005, , 217-239.		50
81	Living Radical Polymerization: Controlling Molecular Size and Chemical Functionality in Vinyl Polymers. Journal of Macromolecular Science - Reviews in Macromolecular Chemistry and Physics, 2005, 45, 171-194.	2.2	67
82	Near-infrared-emissive polymersomes: Self-assembled soft matter for in vivo optical imaging. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 2922-2927.	7.1	355
83	Adsorption States of Dialkyl Ditelluride Autooxidized Monolayers on Au(111). Langmuir, 2005, 21, 3344-3353.	3.5	22
84	Novel 2D ordered arrays of nanostructures fabricated through silica masks formed by bilayer colloidal crystals as templates. , 0, , .		0
85	Peptide mediated formation of hierarchically organized solution and solid state polymer nanostructures. Faraday Discussions, 2005, 128, 29-41.	3.2	57
86	Nanorod engineering by reinforcing hexagonally self-assembled PSâ€“bâ€“P4VP(DDP) with PPE. Soft Matter, 2005, 1, 280.	2.7	14
87	Robust gels created using a self-assembly and covalent capture strategy. Chemical Communications, 2005, , 5647.	4.1	25
88	High-Density Arrays of Titania Nanoparticles Using Monolayer Micellar Films of Diblock Copolymers as Templates. Langmuir, 2005, 21, 5212-5217.	3.5	72
89	Block Copolymer-Templated Chemistry on Si, Ge, InP, and GaAs Surfaces. Journal of the American Chemical Society, 2005, 127, 8932-8933.	13.7	117
90	Composition Effects in Polymer Blends Spin-Cast on Patterned Substrates. Macromolecules, 2005, 38, 8486-8493.	4.8	40
91	A Combined Theoretical and Experimental Approach to Determining Order Parameters of Solutes in Liquid Crystals from ¹³ C NMR Data. Journal of Physical Chemistry B, 2005, 109, 2584-2590.	2.6	20
92	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.	13.7	93
93	Preparation of Shell Cross-Linked Nano-Objects from Hybrid-Peptide Block Copolymers. Biomacromolecules, 2005, 6, 2213-2220.	5.4	79
94	Diblock Copolymers with Amorphous Atactic Polyferrocenylsilane Blocks:Â Synthesis, Characterization, and Self-Assembly of Polystyrene-block-poly(ferrocenylethylmethylsilane) in the Bulk State. Macromolecules, 2005, 38, 6931-6938.	4.8	112
95	Organometallicâˆ“Polypeptide Block Copolymers:Â Synthesis and Properties of Poly(ferrocenyldimethylsilane)-b-poly- (l ³ -benzyl-l-glutamate). Macromolecules, 2005, 38, 4958-4961.	4.8	55
96	Electrical Conductivity Transitions and Self-Assembly in Comb-Shaped Complexes of Polyaniline Based on Crystallization and Melting of the Supramolecular Side Chains. Macromolecules, 2005, 38, 7793-7797.	4.8	15

#	ARTICLE	IF	CITATIONS
97	Nanoprobe-Based Affinity Mass Spectrometry for Selected Protein Profiling in Human Plasma. Analytical Chemistry, 2005, 77, 5990-5997.	6.5	77
98	In-Situ SAXS Study on the Alignment of Ordered Systems of Comb-Shaped Supramolecules: A Shear-Induced Cylinder-to-Cylinder Transition. Macromolecules, 2005, 38, 1804-1813.	4.8	30
99	Fabrication of Metallic Nanodots in Large-Area Arrays by Mold-to-Mold Cross Imprinting (MTMCI). Nano Letters, 2005, 5, 2557-2562.	9.1	37
100	Polymer-Dye Complexes: A Facile Method for High Doping Level and Aggregation Control of Dye Molecules. Chemistry of Materials, 2005, 17, 5798-5802.	6.7	114
101	Multivalency and Cooperativity in Supramolecular Chemistry. Accounts of Chemical Research, 2005, 38, 723-732.	15.6	609
102	A Supramolecular Approach to Medicinal Chemistry: Medicine Beyond the Molecule. Journal of Chemical Education, 2005, 82, 393.	2.3	49
103	Supramolecular electronics; nanowires from self-assembled π -conjugated systems. Chemical Communications, 2005, , 3245.	4.1	735
104	Size- and shape-controlled synthesis of colloidal gold through autoreduction of the auric cation by poly(ethylene oxide)-poly(propylene oxide) block copolymers in aqueous solutions at ambient conditions. Nanotechnology, 2005, 16, S344-S353.	2.6	97
105	Preparation of poly(N-vinyl-2-pyrrolidone)-stabilized transition metal (Fe, Co, Ni and Cu) hexacyanoferrate nanoparticles. Nanotechnology, 2005, 16, 164-168.	2.6	32
106	A "Nanonecklace"-Synthesized from Monofunctionalized Gold Nanoparticles. Journal of the American Chemical Society, 2005, 127, 8008-8009.	13.7	79
107	Molecular Self-Assembly "How to Build the Large Supermolecules. , 2006, , 75-135.		1
108	From large 3D assembly to highly dispersed spherical assembly: weak and strong coordination mediated self-aggregation of Au colloids. New Journal of Chemistry, 2006, 30, 706.	2.8	27
109	Microfluidics assisted synthesis of well-defined spherical polymeric microcapsules and their utilization as potential encapsulants. Lab on A Chip, 2006, 6, 752.	6.0	62
110	Quantitative membrane loading of polymer vesicles. Soft Matter, 2006, 2, 973.	2.7	67
111	Self-assembled microspheres from f-block elements and nucleoamphiphiles. Chemical Communications, 2006, , 1661.	4.1	15
112	Electrochemically induced flowerlike gold nanoarchitectures and their strong surface-enhanced Raman scattering effect. Applied Physics Letters, 2006, 89, 211905.	3.3	112
113	An Optical Waveguide Study on the Nanopore Formation in Block Copolymer/Homopolymer Thin Films by Selective Solvent Swelling. Journal of Physical Chemistry B, 2006, 110, 15381-15388.	2.6	35
114	Dendritic supermolecules " towards controllable nanomaterials. Chemical Communications, 2006, , 34-44.	4.1	166

#	ARTICLE	IF	CITATIONS
115	Self-Assembly, Reorganization, and Photophysical Properties of Silver(I)-Schiff-Base Molecular Rectangle and Polymeric Array Species. <i>Inorganic Chemistry</i> , 2006, 45, 295-303.	4.0	139
116	Silver nanowire arrays electrochemically grown into nanoporous anodic alumina templates. <i>Nanotechnology</i> , 2006, 17, 561-570.	2.6	123
117	Mesh-Like Hemispherical Shells Formed by Self-Assembly of Zn ₂ SiO ₄ Textured Nanowires. <i>Crystal Growth and Design</i> , 2006, 6, 1967-1971.	3.0	17
118	Photocatalytic Printing of Nanostructures on TiO ₂ Using Diblock Copolymer. <i>Chemistry of Materials</i> , 2006, 18, 1386-1389.	6.7	4
119	Nanoarchitectures Constructed from Resulting Polypseudorotaxanes of the β -Cyclodextrin/4,4'-Dipyridine Inclusion Complex with Co ²⁺ and Zn ²⁺ Coordination Centers. <i>Chemistry of Materials</i> , 2006, 18, 4423-4429.	6.7	24
120	Layered Structure and Order-to-Disorder Transition in a Block Codendrimer Caused by Intermolecular Hydrogen Bonds. <i>Macromolecules</i> , 2006, 39, 3982-3985.	4.8	17
121	Incorporation of PPE in Lamellar Self-Assembled PS- <i>b</i> -P4VP(PDP) Supramolecules and PS- <i>b</i> -P4VP Diblock Copolymers. <i>Macromolecules</i> , 2006, 39, 6574-6579.	4.8	48
122	Structure-Controlled Self-Assembly of Impeller-Shaped Crystal on the Transition Metal Fullerene Complexes. <i>Crystal Growth and Design</i> , 2006, 6, 2563-2566.	3.0	7
123	Nematic and Domain Order Parameters for Partially Oriented Isotropic/Liquid Crystalline Diblock Copolymers: A Dielectric Spectroscopy Study. <i>Macromolecules</i> , 2006, 39, 8854-8861.	4.8	4
124	High-Dielectric-Constant Self-Assembled Nodular Structures in Polymer/Gold Nanoparticle Films. <i>Macromolecules</i> , 2006, 39, 3901-3906.	4.8	29
125	Conformation and Assembly of Polypeptide Scaffolds in Templating the Synthesis of Silica: An Example of a Polylysine Macromolecular "Switch". <i>Biomacromolecules</i> , 2006, 7, 491-497.	5.4	129
126	Control of Self-Assembly by Charge-Transfer Complexation between C ₆₀ Fullerene and Electron Donating Units of Block Copolymers. <i>Macromolecules</i> , 2006, 39, 7648-7653.	4.8	98
127	Effect of Dispersion of Inorganic Nanoparticles on the Phase Behavior of Block Copolymers in a Selective Solvent. <i>Macromolecules</i> , 2006, 39, 6318-6320.	4.8	14
128	Linear Polypseudorotaxanes Possessing Many Metal Centers Constructed from Inclusion Complexes of α -, β -, and γ -Cyclodextrins with 4,4'-Dipyridine. <i>Inorganic Chemistry</i> , 2006, 45, 3014-3022.	4.0	49
129	Nanoscale patterning with block copolymers. <i>Materials Today</i> , 2006, 9, 40-47.	14.2	510
130	Silver-ion redox sensing based on colloid formation by gallate ester derivatives. <i>Analytica Chimica Acta</i> , 2006, 556, 189-194.	5.4	5
131	Multi-phase equilibrium microemulsions-based routes to synthesize nanoscale BaWO ₄ spheres, cylinders and rods. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2006, 274, 18-23.	4.7	23
132	Compressive properties of epoxidized soybean oil/clay nanocomposites. <i>International Journal of Plasticity</i> , 2006, 22, 1549-1568.	8.8	33

#	ARTICLE	IF	CITATIONS
133	Molecular architecture by means of interactions between Ag(I) and glycine derivatives. Polyhedron, 2006, 25, 71-80.	2.2	22
134	Self-assembly of ABC coil-rod-coil triblock molecules with perforated lamellar mesophases. Polymer, 2006, 47, 5275-5286.	3.8	10
135	Dendron-protected Au nanoparticles—Effect of dendritic structure on chemical stability. Journal of Colloid and Interface Science, 2006, 302, 178-186.	9.4	39
136	A nano-patterned organic light-emitting diode with high extraction efficiency. Journal of Crystal Growth, 2006, 288, 119-122.	1.5	8
137	Formation of nanoimprinting mould through use of nanosphere lithography. Journal of Crystal Growth, 2006, 288, 200-204.	1.5	28
138	Pattern guided structure formation in polymer films of asymmetric blends. Surface Science, 2006, 600, 1004-1011.	1.9	11
139	A new local density functional for main-group thermochemistry, transition metal bonding, thermochemical kinetics, and noncovalent interactions. Journal of Chemical Physics, 2006, 125, 194101.	3.0	4,175
140	Comparative Analyses of a Family of Potential Self-Replicators: The Subtle Interplay between Molecular Structure and the Efficacy of Self-Replication. Chemistry - A European Journal, 2006, 12, 6829-6840.	3.3	39
141	Probing Structural Effects on Replication Efficiency through Comparative Analyses of Families of Potential Self-Replicators. Chemistry - A European Journal, 2006, 12, 8798-8812.	3.3	35
142	Monitoring the stability of crosslinked protein crystals biotemplates: A feasibility study. Biotechnology and Bioengineering, 2006, 94, 1005-1011.	3.3	23
143	Fabrication of arrays of silver nanoparticle aggregates by microcontact printing and block copolymer nanoreactors. Journal of Applied Polymer Science, 2006, 100, 2737-2743.	2.6	13
144	Polymeric Sensor Materials: Toward an Alliance of Combinatorial and Rational Design Tools?. Angewandte Chemie - International Edition, 2006, 45, 702-723.	13.8	172
145	Functional Liquid-Crystalline Assemblies: Self-Organized Soft Materials. Angewandte Chemie - International Edition, 2006, 45, 38-68.	13.8	1,451
146	Direct Visualization of Efficient Energy Transfer in Single Oligo(p-phenylene vinylene) Vesicles. Angewandte Chemie - International Edition, 2006, 45, 1232-1236.	13.8	133
147	Design and Implementation of a Highly Selective Minimal Self-Replicating System. Angewandte Chemie - International Edition, 2006, 45, 6344-6348.	13.8	79
148	Viruses and their uses in nanotechnology. Drug Development Research, 2006, 67, 23-41.	2.9	161
149	3D Nanometer-Scale Study of Coexisting Bicontinuous Morphologies in a Block Copolymer/Homopolymer Blend. Macromolecular Rapid Communications, 2006, 27, 1424-1429.	3.9	47
154	Tuning the Dimensions and Periodicities of Nanostructures Starting from the Same Polystyrene-block-poly(2-vinylpyridine) Diblock Copolymer. Advanced Functional Materials, 2006, 16, 1469-1475.	14.9	91

#	ARTICLE	IF	CITATIONS
155	Quantitative Measurement of the Local Surface Potential of Ñ-Conjugated Nanostructures: A Kelvin Probe Force Microscopy Study. Advanced Functional Materials, 2006, 16, 1407-1416.	14.9	55
156	Templated Self-Assembly of Block Copolymers: Top-Down Helps Bottom-Up. Advanced Materials, 2006, 18, 2505-2521.	21.0	685
157	Nanocomposites Based on Hydrogen Bonds. Advances in Polymer Science, 2006, , 179-198.	0.8	22
158	Formation of mesoscopically organized phase structures in polymer mixtures. Composite Interfaces, 2006, 13, 415-421.	2.3	0
159	Chapter 15 Charge Effects in Catalysis by Nanostructured Metals. Thin Films and Nanostructures, 2007, 34, 725-754.	0.1	4
160	Synthesis and Characterization of ZnO Ellipsoid-like Nanostructures. Chinese Journal of Chemical Physics, 2007, 20, 613-618.	1.3	10
161	A rheo-optical apparatus for real time kinetic studies on shear-induced alignment of self-assembled soft matter with small sample volumes. Review of Scientific Instruments, 2007, 78, 015109.	1.3	4
162	Synthesis and Self-assembly of DMPC-conjugated Gold Nanoparticles. Materials Research Society Symposia Proceedings, 2007, 1061, 1.	0.1	0
163	Roles of Polymer Ligands in Nanoparticle Stabilization. Polymer Reviews, 2007, 47, 197-215.	10.9	208
164	Block Copolymer Templated Chemistry for the Formation of Metallic Nanoparticle Arrays on Semiconductor Surfaces. Chemistry of Materials, 2007, 19, 5090-5101.	6.7	192
165	Decorating carbon nanotubes with metal or semiconductor nanoparticles. Journal of Materials Chemistry, 2007, 17, 2679.	6.7	622
166	Block Copolymer Templated Etching on Silicon. Nano Letters, 2007, 7, 464-469.	9.1	55
167	Prospects for the development of digital CMOL circuits. , 2007, , .		16
168	Crystallization of Rare Earth Carbonate Nanostructures in the Reverse Micelle System. Crystal Growth and Design, 2007, 7, 1452-1458.	3.0	25
169	Tailoring of the hierarchical structure within electrospun fibers due to supramolecular comb-coil block copolymers: polystyrene-block-poly(4-vinyl pyridine) plasticized by hydrogen bonded pentadecylphenol. Soft Matter, 2007, 3, 978.	2.7	55
170	Redox-controlled micellization of organometallic block copolymers. Chemical Communications, 2007, , 4483.	4.1	56
171	Crown ether functionalised dendronsâ€”controlled binding and release of dopamine in both solution and gel-phases. New Journal of Chemistry, 2007, 31, 1243-1249.	2.8	19
172	Modular construction and hierarchical gelation of organooxotin nanoclusters derived from simple building blocks. Chemical Communications, 2007, , 4943.	4.1	12

#	ARTICLE	IF	CITATIONS
173	Small-Angle Neutron and X-ray Scattering from Amphiphilic Stimuli-Responsive Diamond-Type Bicontinuous Cubic Phase. <i>Journal of the American Chemical Society</i> , 2007, 129, 13474-13479.	13.7	96
174	Cholesterol Phenoxy Hexanoate Mesogens: Effect of <i>meta</i> Substituents on Their Liquid Crystalline Behavior and in Situ Metal Nanoparticle Synthesis. <i>Chemistry of Materials</i> , 2007, 19, 5203-5206.	6.7	16
175	Naked-Eye Cadmium Sensor: Using Chromoionophore Arrays of Langmuir-Blodgett Molecular Assemblies. <i>Analytical Chemistry</i> , 2007, 79, 4056-4065.	6.5	42
176	Self-Assembly Behavior of Amphiphilic Block Copolymer/Nanoparticle Mixture in Dilute Solution Studied by Self-Consistent-Field Theory/Density Functional Theory. <i>Macromolecules</i> , 2007, 40, 5582-5592.	4.8	88
177	Synthesis and Self-Assembly of Poly(ferrocenyldimethylsilane- <i>b</i> -2-vinylpyridine) Diblock Copolymers. <i>Macromolecules</i> , 2007, 40, 3784-3789.	4.8	92
178	Monodisperse Linear Supramolecules Stabilizing Unusual Fluid Layered Phases. <i>Organic Letters</i> , 2007, 9, 2641-2644.	4.6	33
179	Detection of C-Reactive Protein Based on Immunoassay Using Antibody-Conjugated Magnetic Nanoparticles. <i>Analytical Chemistry</i> , 2007, 79, 8416-8419.	6.5	99
180	Orientationally Controlled Nanoporous Cylindrical Domains in Polystyrene- <i>b</i> -poly(ferrocenylethylmethylsilane) Block Copolymer Films. <i>Macromolecules</i> , 2007, 40, 3790-3796.	4.8	38
181	Reactive block copolymer scaffolds. <i>Chemical Communications</i> , 2007, , 3631.	4.1	49
182	Assembly of spherical micelles in 2D physical confinements and their replication into mesoporous silica nanorods. <i>Journal of Materials Chemistry</i> , 2007, 17, 4558.	6.7	24
183	Self-Assembly of Nucleoamphiphiles: Investigating Nucleosides Effect and the Mechanism of Micrometric Helix Formation. <i>Langmuir</i> , 2007, 23, 12875-12885.	3.5	33
184	Synthesis and self-organization of Au nanoparticles. <i>Nanotechnology</i> , 2007, 18, 485604.	2.6	34
185	Self-Assembly of an Alkylated Guanosine Derivative into Ordered Supramolecular Nanoribbons in Solution and on Solid Surfaces. <i>Chemistry - A European Journal</i> , 2007, 13, 3757-3764.	3.3	53
186	Heat-Induced Phase Transitions from an Aqueous Solution to Precipitates in a Poly(sodium) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 5 2007, 13, 4782-4785.	3.3	6
187	One-dimensional self-assembly of a rational designed β -structure peptide. <i>Biopolymers</i> , 2007, 86, 23-31.	2.4	27
188	High molecular weight polypropylene nanospheres: Synthesis and characterization. <i>Journal of Applied Polymer Science</i> , 2007, 105, 1133-1143.	2.6	9
189	In Situ Synthesis and Assembly of Gold Nanoparticles Embedded in Glass-Forming Liquid Crystals. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 3269-3274.	13.8	49
190	A Liquid-Crystalline Bistable [2]Rotaxane. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 4675-4679.	13.8	172

#	ARTICLE	IF	CITATIONS
193	Hollow Inorganic Nanospheres and Nanotubes with Tunable Wall Thicknesses by Atomic Layer Deposition on Self-Assembled Polymeric Templates. <i>Advanced Materials</i> , 2007, 19, 102-106.	21.0	126
194	Nanotube Alignment Using Lyotropic Liquid Crystals. <i>Advanced Materials</i> , 2007, 19, 359-364.	21.0	185
195	Synthesis of Inorganic-Organic Diblock Copolymers as a Precursor of Ordered Mesoporous SiCN Ceramic. <i>Advanced Materials</i> , 2007, 19, 2351-2354.	21.0	51
196	Fabrication of Double-Length-Scale Patterns via Lithography, Block Copolymer Templating, and Electrodeposition. <i>Advanced Materials</i> , 2007, 19, 3584-3588.	21.0	37
197	Smart Self-Adjustment of Surface Micelles of an Amphiphilic Block Copolymer to Nanoscopic Pattern Boundaries. <i>Advanced Materials</i> , 2007, 19, 3342-3348.	21.0	15
198	Synthesis of Functionalized NMP Initiators for Click Chemistry: A Versatile Method for the Preparation of Functionalized Polymers and Block Copolymers. <i>Macromolecular Chemistry and Physics</i> , 2007, 208, 1050-1060.	2.2	49
199	Double-Grafted Cylindrical Brushes: Synthesis and Characterization of Poly(lauryl methacrylate) Brushes. <i>Macromolecular Chemistry and Physics</i> , 2007, 208, 1666-1675.	2.2	53
200	Development of Nanodomain and Fractal Morphologies in Solvent Annealed Block Copolymer Thin Films. <i>Macromolecular Rapid Communications</i> , 2007, 28, 1422-1428.	3.9	53
201	Ordering Cylindrical Microdomains for Binary Blends of Block Copolymers with Graphoepitaxy. <i>Macromolecular Rapid Communications</i> , 2007, 28, 2137-2144.	3.9	20
202	Glycine and l-glutamic acid-based dendritic gelators. <i>Tetrahedron</i> , 2007, 63, 8794-8800.	1.9	24
203	Controlled formation of gold nanoplates and nanobelts in lyotropic liquid crystal phases with imidazolium cations. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2007, 293, 95-100.	4.7	16
204	Structures, fluorescent properties of the Ag(I) compounds based on molecular clips with biphenyl core. <i>Inorganica Chimica Acta</i> , 2007, 360, 2541-2548.	2.4	19
205	Enhancement effect of gold nanoparticles on biohydrogen production from artificial wastewater. <i>International Journal of Hydrogen Energy</i> , 2007, 32, 17-23.	7.1	176
206	Multi-phase equilibrium microemulsions and synthesis of hierarchically structured calcium carbonate through microemulsion-based routes. <i>Journal of Colloid and Interface Science</i> , 2007, 306, 154-160.	9.4	19
207	Synthesis and characterization of block copolymers containing poly(di(ethylene glycol) 2-ethylhexyl) Tj ETQq0 0 0 rgBT /Overlock 10 T Polymer Science Part A, 2007, 45, 5420-5430.	2.3	23
208	Morphological change of a diblock copolymer film induced by selective doping of a photoactive chromophore. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2007, 45, 368-375.	2.1	6
209	Assembly of aligned linear metallic patterns on silicon. <i>Nature Nanotechnology</i> , 2007, 2, 500-506.	31.5	351
210	Magnetic nanoparticles separation based on nanostructures. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 312, 354-358.	2.3	31

#	ARTICLE	IF	CITATIONS
211	Supramolecular Materials Based On Hydrogen-Bonded Polymers. <i>Advances in Polymer Science</i> , 2007, , 113-177.	0.8	156
212	In situ synthesis of iron oxide nanoparticles in a styrene-divinylbenzene copolymer. <i>Polymer Bulletin</i> , 2007, 58, 989-994.	3.3	7
213	Theoretical optical waveguide investigation of self-organized polymer thin film nanostructures with nanoparticle incorporation. <i>Macromolecular Research</i> , 2007, 15, 211-215.	2.4	8
214	Interaction between poly(vinyl pyridine) and poly(2,6-dimethyl-1,4-phenylene oxide): A copolymer blend miscibility study. <i>Polymer</i> , 2007, 48, 1606-1611.	3.8	5
215	Fabrication and electrochemical study of monodisperse and size controlled Prussian blue nanoparticles protected by biocompatible polymer. <i>Electrochimica Acta</i> , 2008, 53, 3050-3055.	5.2	54
216	Self-assembled block copolymers: Bulk to thin film. <i>Macromolecular Research</i> , 2008, 16, 267-292.	2.4	108
217	Correlation between symmetry breaker position and the preferences of conformationally constrained homopeptides: A molecular dynamics investigation. <i>Biopolymers</i> , 2008, 90, 695-706.	2.4	15
218	Fabricating Complex Polymeric Micro- and Nanostructures: Lithography in Microfluidic Devices. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 1368-1370.	13.8	23
219	High-Tech Applications of Self-Assembling Supramolecular Nanostructured Gel-Phase Materials: From Regenerative Medicine to Electronic Devices. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 8002-8018.	13.8	1,171
220	Stimuli-Responsive Luminescent Liquid Crystals: Change of Photoluminescent Colors Triggered by a Shear-Induced Phase Transition. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 5175-5178.	13.8	377
221	Thermodynamics and Kinetic Processes of Polymer Blends and Block Copolymers in the Presence of Pressurized Carbon Dioxide. <i>Advanced Materials</i> , 2008, 20, 879-898.	21.0	43
222	Microfluidic Synthesis of Reversibly Swelling Porous Polymeric Microcapsules with Controlled Morphology. <i>Advanced Materials</i> , 2008, 20, 2177-2182.	21.0	18
223	Hierarchical Ordering of Block Copolymer Nanostructures by Solvent Annealing Combined with Controlled Dewetting. <i>Advanced Materials</i> , 2008, 20, 522-527.	21.0	74
224	Combining Micelle Self-Assembly with Nanostencil Lithography to Create Periodic/Aperiodic Micro-/Nanopatterns on Surfaces. <i>Advanced Materials</i> , 2008, 20, 3533-3538.	21.0	15
228	SAXS study of the lamellar-cylindrical transition in the PI-b-P2VP(OG) supramolecules' system. <i>Polymer</i> , 2008, 49, 2669-2677.	3.8	11
229	Macroscopic pattern formation of liquid crystal in κ -carrageenan gel. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2008, 321, 117-120.	4.7	8
230	Organogelators from self-assembling peptide based dendrimers: structural and morphological features. <i>Tetrahedron</i> , 2008, 64, 175-185.	1.9	26
231	Directed Self-Assembly of Diblock Copolymer Thin Films on Chemically-Patterned Substrates for Defect-Free Nano-Patterning. <i>Macromolecules</i> , 2008, 41, 9267-9276.	4.8	106

#	ARTICLE	IF	CITATIONS
232	Encapsulation of Fe ₃ O ₄ in gelatin nanoparticles: Effect of different parameters on size and stability of the colloidal dispersion. Journal of Microencapsulation, 2008, 25, 21-30.	2.8	40
233	Semiconductor Nanocrystal Quantum Dots. , 2008, , .		239
234	Phosphorus-Containing Block Copolymer Templates Can Control the Size and Shape of Gold Nanostructures. Journal of the American Chemical Society, 2008, 130, 12876-12877.	13.7	88
235	Hybrid titanium dioxide/PS- <i>b</i> -PEO block copolymer nanocomposites based on sol-gel synthesis. Nanotechnology, 2008, 19, 155607.	2.6	62
236	Coarse-grained molecular dynamics simulation on the placement of nanoparticles within symmetric diblock copolymers under shear flow. Journal of Chemical Physics, 2008, 128, 164909.	3.0	38
237	Using Cylindrical Domains of Block Copolymers To Self-Assemble and Align Metallic Nanowires. ACS Nano, 2008, 2, 489-501.	14.6	293
238	From Nanorings to Nanodots by Patterning with Block Copolymers. Nano Letters, 2008, 8, 1667-1672.	9.1	100
239	Ordering of PS- <i>b</i> -P4VP on Patterned Silicon Surfaces. ACS Nano, 2008, 2, 1363-1370.	14.6	57
240	Templating Nanoporous Polymers with Ordered Block Copolymers. Chemistry of Materials, 2008, 20, 869-890.	6.7	333
241	Smart Organic/Inorganic Hybrid Nanoobjects with Controlled Shapes by Self-Assembly of Gelable Block Copolymers. Macromolecules, 2008, 41, 1800-1807.	4.8	44
242	Tuning the properties of PS-PIAT block copolymers and their assembly into polymersomes. Soft Matter, 2008, 4, 1003.	2.7	15
243	Polymeric Nanoparticles via Noncovalent Cross-Linking of Linear Chains. Macromolecules, 2008, 41, 6413-6418.	4.8	155
244	Orientation of rod molecules in selective slits: a density functional theory. Journal of Physics Condensed Matter, 2008, 20, 425221.	1.8	8
245	Supramolecular Aggregates as Templates: Ordered Mesoporous Polymers and Carbons. Chemistry of Materials, 2008, 20, 932-945.	6.7	415
246	Green synthesis of highly stabilized nanocrystalline silver particles by a non-pathogenic and agriculturally important fungus <i>T. asperellum</i> . Nanotechnology, 2008, 19, 075103.	2.6	411
247	The first examples of discotic radicals: columnar mesomorphism in spin-carrying triphenylenes. Journal of Materials Chemistry, 2008, 18, 3433.	6.7	34
248	Patterning with Block Copolymers. , 0, , 233-289.		0
249	Fabrication Approaches for Generating Complex Micro- and Nanopatterns on Polymeric Surfaces. Chemical Reviews, 2008, 108, 911-945.	47.7	423

#	ARTICLE	IF	CITATIONS
250	Pentapeptide based organogels: the role of adjacently located phenylalanine residues in gel formation. <i>Soft Matter</i> , 2008, 4, 1430.	2.7	65
251	Nanoparticle-regulated phase behavior of ordered block copolymers. <i>Soft Matter</i> , 2008, 4, 1609.	2.7	40
252	Post-modification of poly(pentafluorostyrene): a versatile "click" method to create well-defined multifunctional graft copolymers. <i>Chemical Communications</i> , 2008, , 3516.	4.1	80
253	Nanostructured polymers with embedded self-assembled reactive gel networks. <i>Chemical Communications</i> , 2008, , 4601.	4.1	39
254	Structures, Fluorescent Properties of the 10^4 Metal Ions Compounds Based on Molecular Clips. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2008, 38, 591-597.	0.6	1
255	Columnar liquid crystals formed by bowl-shaped mesogens. A Monte Carlo study. <i>Soft Matter</i> , 2008, 4, 2030.	2.7	20
256	Rhenium-based molecular rectangular boxes with large inner cavity and high shape selectivity towards benzene molecule. <i>Chemical Communications</i> , 2008, , 3175.	4.1	61
257	A Micellar Sphere-to-Cylinder Transition of Poly(ferrocenyldimethylsilane- <i>b</i> -2-vinylpyridine) in a Selective Solvent Driven by Crystallization. <i>Macromolecules</i> , 2008, 41, 4380-4389.	4.8	90
258	Parallel-Oriented Fibrogenesis of a β -Sheet Forming Peptide on Supported Lipid Bilayers. <i>Journal of Physical Chemistry B</i> , 2008, 112, 8950-8954.	2.6	33
259	Triblock Copolymer Organogels as High-Performance Dielectric Elastomers. <i>Macromolecules</i> , 2008, 41, 6100-6109.	4.8	85
260	Adsorbed Anthranilic Acid Molecules Cause Charge Reversal of Nonionic Micelles. <i>Langmuir</i> , 2008, 24, 683-687.	3.5	22
261	Thin Poly(styrene- <i>block</i> -4-hydroxystyrene) Block Copolymer Films Spin-Coated Directly on Topographic Prepattern Substrates. <i>Macromolecules</i> , 2008, 41, 9290-9294.	4.8	10
262	Fluorescent Nanoparticles Comprising Amphiphilic Rod-Coil Graft Copolymers. <i>Macromolecules</i> , 2008, 41, 1438-1443.	4.8	33
263	Poly(<i>tert</i> -butyl methacrylate- <i>b</i> -styrene- <i>b</i> -4-vinylpyridine) Triblock Copolymers: Synthesis, Interactions, and Self-Assembly. <i>Macromolecules</i> , 2008, 41, 6393-6399.	4.8	20
264	Polypeptide Diblock Copolymers: Syntheses and Properties of Poly(N-isopropylacrylamide)- <i>b</i> -Polylysine. <i>Macromolecules</i> , 2008, 41, 7041-7052.	4.8	99
265	pH-Dependent Aggregation of Histidine-Functionalized Au Nanoparticles Induced by Fe^{3+} Ions. <i>Journal of Physical Chemistry C</i> , 2008, 112, 3267-3271.	3.1	37
266	Temperature-Responsive Supramolecular Assembly and Morphology of Arborescent Copolymer Micelles with a Solvophilic Core-Solvophobic Shell Structure. <i>Macromolecules</i> , 2008, 41, 7166-7172.	4.8	10
267	In situ GISAXS Investigation of Gold Sputtering onto a Polymer Template. <i>Langmuir</i> , 2008, 24, 4265-4272.	3.5	52

#	ARTICLE	IF	CITATIONS
268	Horizontally and Vertically Aligned Polymeric Nanosheets: CO ₂ -Induced Morphological Changes of Block Copolymer Thin Films. <i>Macromolecules</i> , 2008, 41, 8626-8631.	4.8	26
269	Direct Preparation of High Surface Area Mesoporous SiC-Based Ceramic by Pyrolysis of a Self-Assembled Polycarbosilane- <i>block</i> -Polystyrene Diblock Copolymer. <i>Chemistry of Materials</i> , 2008, 20, 3735-3739.	6.7	45
270	Fluorescent Gel from a Self-Assembling New Chromophoric Moiety Containing Azobenzene Based Tetraamide. <i>Journal of Physical Chemistry B</i> , 2008, 112, 10107-10115.	2.6	57
271	Well-Ordered Polymer Melts with 5 nm Lamellar Domains from Blends of a Disordered Block Copolymer and a Selectively Associating Homopolymer of Low or High Molar Mass. <i>Macromolecules</i> , 2008, 41, 7978-7985.	4.8	51
272	Conformational flexibility facilitates self-assembly of complex DNA nanostructures. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 10665-10669.	7.1	249
273	Metallo-supramolecular modules as a paradigm for materials science. <i>Science and Technology of Advanced Materials</i> , 2008, 9, 014103.	6.1	61
274	Nanostructured Magnetic Thin Films from Organometallic Block Copolymers: Pyrolysis of Self-Assembled Polystyrene- <i>block</i> -poly(ferrocenylethylmethylsilane). <i>ACS Nano</i> , 2008, 2, 263-270.	14.6	121
275	Ti Nano-nodular Structuring for Bone Integration and Regeneration. <i>Journal of Dental Research</i> , 2008, 87, 751-756.	5.2	85
276	Towards new functional nanostructures for medical imaging. <i>Medical Physics</i> , 2008, 35, 4474-4487.	3.0	38
277	Steady-state electrical transport through block copolymer nanostructures deposited on smooth and rough electrodes. <i>Journal of Applied Physics</i> , 2008, 103, 044306.	2.5	4
278	Block Copolymer Nanotubes Derived from Self-Assembly. , 2008, , 29-64.		6
279	Morphological models of complex ordered materials based on inhomogeneously clipped Gaussian fields. <i>Physical Review E</i> , 2009, 80, 061401.	2.1	11
280	Equilibrating Nanoparticle Monolayers Using Wetting Films. <i>Physical Review Letters</i> , 2009, 102, 016101.	7.8	21
281	The collagen assisted self-assembly of silicon nanowires. <i>Nanotechnology</i> , 2009, 20, 235601.	2.6	14
282	Polyelectrolyte Stars and Cylindrical Brushes. <i>Advances in Polymer Science</i> , 2009, , 1-38.	0.8	10
283	Arrays of Inorganic Nanodots and Nanowires Using Nanotemplates Based on Switchable Block Copolymer Supramolecular Assemblies. <i>Advanced Functional Materials</i> , 2009, 19, 2805-2811.	14.9	64
284	Lithographically Patterned Breath Figure of Photoresponsive Small Molecules: Dual-Patterned Honeycomb Lines from a Combination of Bottom-Up and Top-Down Lithography. <i>Advanced Materials</i> , 2009, 21, 4130-4133.	21.0	77
286	Utilization of Evaporation during the Crystallization Process: Self-Templation of Organic Parallelogrammatic Pipes. <i>Chemistry - A European Journal</i> , 2009, 15, 612-622.	3.3	9

#	ARTICLE	IF	CITATIONS
287	Anionic Ring-Opening Polymerization of a Germanium-Bridged [1]Ferrocenophane: Synthesis and Morphology of Well-Defined Polyferrocenylgermane Homopolymers and Block Copolymers. <i>Macromolecular Chemistry and Physics</i> , 2009, 210, 1080-1086.	2.2	30
288	Ultrahigh-Density Carbon Nanoring Arrays on Silicon Wafer through Templated Solution Deposition Method. <i>Macromolecular Rapid Communications</i> , 2009, 30, 1345-1349.	3.9	10
289	Blendable Peptide-Polymer Nanofibers to Modulate Mechanical Properties of Polymers. <i>Macromolecular Bioscience</i> , 2009, 9, 187-194.	4.1	14
291	Polysaccharide- <i>block</i> -polypeptide Copolymer Vesicles: Towards Synthetic Viral Capsids. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 2572-2575.	13.8	266
292	One-Dimensional Gold Nanoparticle Arrays by Electrostatically Directed Organization Using Polypeptide Self-Assembly. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 7078-7082.	13.8	65
293	Polyampholyte-modified ionic microemulsions. <i>Colloid and Polymer Science</i> , 2009, 287, 1145-1153.	2.1	14
294	Effects of macromolecular architecture on the micellization behavior of complex block copolymers. <i>Reactive and Functional Polymers</i> , 2009, 69, 539-545.	4.1	34
295	Fabrication of Highly Ordered Polymeric Nanodot and Nanowire Arrays Templated by Supramolecular Assembly Block Copolymer Nanoporous Thin Films. <i>Nanoscale Research Letters</i> , 2009, 4, 459-464.	5.7	22
296	Nanotechnology for bone materials. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2009, 1, 336-351.	6.1	112
297	Glycoconjugated chitosan stabilized iron oxide nanoparticles as a multifunctional nanoprobe. <i>Materials Science and Engineering C</i> , 2009, 29, 1668-1673.	7.3	29
298	Nine-fold density multiplication of hcp lattice pattern by directed self-assembly of block copolymer. <i>Polymer</i> , 2009, 50, 4250-4256.	3.8	45
299	Controlled organization of self-assembled rod-coil block copolymer micelles. <i>Polymer</i> , 2009, 50, 5170-5174.	3.8	17
300	Shell-core corona aggregates formed from poly(styrene)-poly(4-vinylpyridine) block copolymer induced by added homopolymer via interpolymer hydrogen-bonding. <i>Polymer</i> , 2009, 50, 5268-5275.	3.8	8
301	Growth of ordered silver nanoparticles in silica film mesostructured with a triblock copolymer PEO- <i>block</i> -PPO- <i>block</i> -PEO. <i>Journal of Solid State Chemistry</i> , 2009, 182, 1700-1707.	2.9	45
302	Strategies exploiting functions and self-assembly properties of bioconjugates for polymer and materials sciences. <i>Progress in Polymer Science</i> , 2009, 34, 811-851.	24.7	192
303	Synthesis of novel ABA triblock and (ABA) multiblock copolymers comprised of polyisobutylene and poly(<i>l</i> -benzyl-L-glutamate) segments. <i>Reactive and Functional Polymers</i> , 2009, 69, 429-434.	4.1	15
304	Bioavailability of nanoparticles in nutrient and nutraceutical delivery. <i>Current Opinion in Colloid and Interface Science</i> , 2009, 14, 3-15.	7.4	688
305	pH-dependent aggregation of citrate-capped Au nanoparticles induced by Cu ²⁺ ions: The competition effect of hydroxyl groups with the carboxyl groups. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009, 346, 216-220.	4.7	38

#	ARTICLE	IF	CITATIONS
306	Mixed micelle systems formed from critical micelle concentration and temperature-sensitive diblock copolymers for doxorubicin delivery. <i>Biomaterials</i> , 2009, 30, 3961-3970.	11.4	68
307	Polymer-Template-Assisted Growth of Gold Nanowires Using a Novel Flow-Stream Technique. <i>Langmuir</i> , 2009, 25, 11815-11821.	3.5	29
308	Colloidal Lithography—The Art of Nanochemical Patterning. <i>Chemistry - an Asian Journal</i> , 2009, 4, 236-245.	3.3	148
309	Biohybrid Polymer Capsules. <i>Chemical Reviews</i> , 2009, 109, 6212-6274.	47.7	375
310	Poly(ferrocenylsilane- <i>b</i> -polyphosphazene) (PFS- <i>b</i> -PP): A New Class of Organometallic-Inorganic Block Copolymers. <i>Macromolecules</i> , 2009, 42, 40-42.	4.8	42
311	Solution Thermodynamics of some Imidazolium-based Ionic Liquids in Water and Aliphatic Alcohols. <i>Zeitschrift Fur Physikalische Chemie</i> , 2009, 223, 857-868.	2.8	7
312	Efficient Synthesis of Narrowly Dispersed Brush Copolymers and Study of Their Assemblies: The Importance of Side Chain Arrangement. <i>Journal of the American Chemical Society</i> , 2009, 131, 18525-18532.	13.7	441
313	Atomic force microscope nanolithography: dip-pen, nanoshaving, nanografting, tapping mode, electrochemical and thermal nanolithography. <i>Journal of Physics Condensed Matter</i> , 2009, 21, 483001.	1.8	80
314	¹⁴ N and ⁸¹ Br Quadrupolar Nuclei as Sensitive NMR Probes of <i>n</i> -Alkyltrimethylammonium Bromide Crystal Structures. An Experimental and Theoretical Study. <i>Journal of Physical Chemistry B</i> , 2009, 113, 11906-11920.	2.6	28
315	Hierarchically Ordered Nanocomposites Self-Assembled from Linear-Alternating Block Copolymer/Nanoparticle Mixture. <i>Macromolecules</i> , 2009, 42, 1410-1414.	4.8	35
316	Polymer Vesicles as Robust Scaffolds for the Directed Assembly of Highly Crystalline Nanocrystals. <i>Langmuir</i> , 2009, 25, 13703-13711.	3.5	33
317	Ordered Arrays of PS- <i>b</i> -P4VP Micelles by Fusion and Fission Process upon Solvent Annealing. <i>Macromolecules</i> , 2009, 42, 6688-6697.	4.8	49
318	Understanding Factors Affecting Alignment of Self-Assembling Nanofibers Patterned by Sonication-Assisted Solution Embossing. <i>Langmuir</i> , 2009, 25, 7084-7089.	3.5	25
319	A thermoresponsive photoluminescent smectic liquid crystal: change of photoluminescent color on the smectic-smectic phase transition. <i>Chemical Communications</i> , 2009, , 3597.	4.1	52
320	Self-assembly of silver(i) and bis-bidentate N,N-donor ligands: from a tetranuclear complex to coordination polymers. <i>Dalton Transactions</i> , 2009, , 5386.	3.3	16
321	Highly ordered palladium nanodots and nanowires from switchable block copolymer thin films. <i>Nanotechnology</i> , 2009, 20, 415302.	2.6	43
322	Nucleotide-Promoted Morphogenesis in Amphiphile Assemblies: Kinetic Control of Micrometric Helix Formation. <i>Langmuir</i> , 2009, 25, 8489-8496.	3.5	17
323	Metastability and Sol Phases: Two Keys for the Future of Molecular Gels?. <i>Langmuir</i> , 2009, 25, 8370-8372.	3.5	19

#	ARTICLE	IF	CITATIONS
324	From Specular Reflectivity to Time-Resolved Grazing Incidence X-ray Scattering out of the Specular Plane (GISAXS): Equilibrium and Nonequilibrium States of Organic/Inorganic Monolayers at Liquid Surfaces. <i>Langmuir</i> , 2009, 25, 4104-4110.	3.5	6
325	Coarse-grained molecular dynamics study of block copolymer/nanoparticle composites under elongational flow. <i>Journal of Chemical Physics</i> , 2009, 131, 214904.	3.0	17
326	Solid state nanofibers based on self-assemblies: from cleaving from self-assemblies to multilevel hierarchical constructs. <i>Faraday Discussions</i> , 2009, 143, 95.	3.2	34
327	Molecular Recognition and Supramolecular Self-Assembly of a Genetically Engineered Gold Binding Peptide on Au{111}. <i>ACS Nano</i> , 2009, 3, 1525-1531.	14.6	83
328	pH-Responsive self-assembly in an aqueous mixture of surfactant and hydrophobic amino acid mimic. <i>Soft Matter</i> , 2009, 5, 2919.	2.7	85
329	Non-degenerate magnetic alignment of self-assembled mesophases. <i>Soft Matter</i> , 2009, 5, 3417.	2.7	19
330	Lamellar Envelopes of Semiconductor Nanocrystals. <i>Journal of the American Chemical Society</i> , 2009, 131, 10182-10188.	13.7	14
331	Functional sandwich-like organic/inorganic nanoplates from gelable triblock terpolymers. <i>Journal of Materials Chemistry</i> , 2009, 19, 3482.	6.7	16
332	Polycatenar bows with single carbon atom elbow. <i>Soft Matter</i> , 2009, 5, 4231.	2.7	18
333	Amphiphilic brushes from metallo-supramolecular block copolymers. <i>Soft Matter</i> , 2009, 5, 1460.	2.7	21
334	Synthesis, crystal structure and properties of a silver(I) complex with 2-(1H-1,2,4-triazol-1-yl) acetic acid. <i>Journal of Coordination Chemistry</i> , 2009, 62, 1604-1612.	2.2	8
335	Stable field emission performance from urchin-like ZnO nanostructures. <i>Nanotechnology</i> , 2009, 20, 055706.	2.6	40
336	Nanoporous structures templated from block copolymer morphologies. <i>Journal of Physics: Conference Series</i> , 2009, 184, 012013.	0.4	0
338	Smart Nanoassemblies of Block Copolymers for Drug and Gene Delivery. , 0, , 91-110.		0
339	Geometrical Shape of Hydrophobic Section Determines the Self-Assembling Structure of Peptide Detergents and Bolaamphiphilic Peptides. <i>Current Nanoscience</i> , 2009, 5, 69-74.	1.2	12
340	Adjustment of Protein Crystal Porosity for Biotemplating: Chemical and Protein Engineering Tools. <i>AIP Conference Proceedings</i> , 2010, , .	0.4	1
341	Magnetic nanoparticles: biomedical applications and challenges. <i>Journal of Materials Chemistry</i> , 2010, 20, 8760.	6.7	350
342	Sequence-controlled polymerizations: the next Holy Grail in polymer science?. <i>Polymer Chemistry</i> , 2010, 1, 55.	3.9	389

#	ARTICLE	IF	CITATIONS
343	Determination of hepatitis B surface antigen using magnetic immunoassays in a thin channel. Biosensors and Bioelectronics, 2010, 25, 2701-2705.	10.1	29
344	Nanospiral Formation by Droplet Drying: One Molecule at a Time. Nanoscale Research Letters, 2011, 6, 49.	5.7	1
345	Introduction of Curvature in Amphipathic Oligothiophenes for Defined Aggregate Formation. Chemistry - A European Journal, 2010, 16, 13417-13428.	3.3	19
349	Dissipative Self-Assembly of a Molecular Gelator by Using a Chemical Fuel. Angewandte Chemie - International Edition, 2010, 49, 4825-4828.	13.8	373
350	Chitin-Silica Nanocomposites by Self-Assembly. Angewandte Chemie - International Edition, 2010, 49, 8201-8204.	13.8	77
351	Pointed-Oval-Shaped Micelles from Crystalline-Coil Block Copolymers by Crystallization-Driven Living Self-Assembly. Angewandte Chemie - International Edition, 2010, 49, 8220-8223.	13.8	105
352	Morphology of Semicrystalline Diblock Copolymer Thin Films upon Directional Solvent Vapor Flow. Macromolecular Chemistry and Physics, 2010, 211, 2102-2108.	2.2	22
353	Light-Responsive Block Copolymers. Macromolecular Rapid Communications, 2010, 31, 1588-1607.	3.9	304
354	Functional nanomaterials based on block copolymer self-assembly. Progress in Polymer Science, 2010, 35, 1325-1349.	24.7	438
355	The influence of polarity of additive molecules on micelle structures of polystyrene-block-poly(4-vinylpyridine) in the fabrication of nano-porous templates. Journal of Colloid and Interface Science, 2010, 351, 69-76.	9.4	3
356	Evaporation-induced self assembly of nanoparticles in non-buckling regime: Volume fraction dependent packing. Journal of Colloid and Interface Science, 2010, 351, 357-364.	9.4	37
357	Hexagonally ordered arrays of metallic nanodots from thin films of functional block copolymers. Polymer, 2010, 51, 2661-2667.	3.8	35
358	Organic/inorganic nanoobjects with controlled shapes from gelable triblock copolymers. Polymer, 2010, 51, 2809-2817.	3.8	40
359	Phase behaviors of bidisperse nanoparticle/block copolymer mixtures in dilute solutions. Polymer, 2010, 51, 4571-4579.	3.8	8
360	Controlling the phase behavior of block copolymers via sequential block growth. Polymer, 2010, 51, 5304-5308.	3.8	4
361	Making "smart polymers" smarter: Modern concepts to regulate functions in polymer science. Journal of Polymer Science Part A, 2010, 48, 1-14.	2.3	59
362	Salt-induced microphase separation of amorphous dendritic poly(ethylene oxide)-block-linear polystyrene copolymers. Journal of Polymer Science Part A, 2010, 48, 2372-2376.	2.3	10
363	Synthesis of well-defined photoresist materials by SET-LRP. Journal of Polymer Science Part A, 2010, 48, 2251-2255.	2.3	46

#	ARTICLE	IF	CITATIONS
364	Formation of long-range stripe patterns with sub-100-nm half-pitch from directed self-assembly of block copolymer. Journal of Polymer Science, Part B: Polymer Physics, 2010, 48, 2297-2301.	2.1	22
365	Synergistic self-assembly of RNA and DNA molecules. Nature Chemistry, 2010, 2, 1050-1055.	13.6	117
366	On the possible developments for the structural materials relevant for future mobile devices. , 0, , 21-50.		1
367	NANOSCALE PATTERNING IN BLOCK COPOLYMER THIN FILMS. Nano, 2010, 05, 1-11.	1.0	4
368	Hybrid Systems Biomolecule-Polymeric Nanoparticle: Synthesis, Properties and Biotechnological Applications. , 2010, , 219-259.		2
369	Model Electrode Structures for Studies of Electrocatalyst Degradation. ECS Transactions, 2010, 33, 361-368.	0.5	4
370	Water distributions in polystyrene-block-poly[styrene-g-poly(ethylene oxide)] block grafted copolymer system in aqueous solutions revealed by contrast variation small angle neutron scattering study. Journal of Chemical Physics, 2010, 133, 144912.	3.0	6
372	Fabrication of Water-Soluble Nanocrystals using Amphiphilic Block Copolymer Patterned Surfaces. Crystal Growth and Design, 2010, 10, 5187-5192.	3.0	8
373	Nanopatterned Surfaces for Bio-Detection. Analytical Letters, 2010, 43, 1556-1571.	1.8	11
375	A versatile strategy for the synthesis of block copolymers bearing a photocleavable junction. Polymer Chemistry, 2010, 1, 161-163.	3.9	120
376	Hybrid strategies in nanolithography. Reports on Progress in Physics, 2010, 73, 036501.	20.1	150
377	Virus-like Particles Templated by DNA Micelles: A General Method for Loading Virus Nanocarriers. Journal of the American Chemical Society, 2010, 132, 7834-7835.	13.7	130
378	Self-Assembly of Supramolecular Triblock Copolymer Complexes. Macromolecules, 2010, 43, 2970-2980.	4.8	29
379	Membrane Disk and Sphere: Controllable Mesoscopic Structures for the Capture and Release of a Targeted Object. Journal of the American Chemical Society, 2010, 132, 10528-10532.	13.7	74
380	Free Fatty Acids Electronically Bridge the Self-Assembly of a Three-Component Nanocomplex Consisting of Amylose, Protein, and Free Fatty Acids. Journal of Agricultural and Food Chemistry, 2010, 58, 9164-9170.	5.2	59
381	Functional Polymeric Nanoobjects by Cross-Linking Bulk Self-Assemblies of Poly(<i>tert</i> -butyl) Tj ETQq1 1 0.784314 rgBT JOverlock	4.8	29
382	Self-Assembly and Hierarchies in Pyridine-Containing Homopolymers and Block Copolymers with Hydrogen-Bonded Cholesteric Side-Chains. Macromolecules, 2010, 43, 1507-1514.	4.8	68
383	Magnetic Enhancement of Phototaxing Catalytic Motors. Langmuir, 2010, 26, 6308-6313.	3.5	60

#	ARTICLE	IF	CITATIONS
384	Alignment of Self-Assembled Structures in Block Copolymer Films by Solvent Vapor Permeation. <i>Macromolecules</i> , 2010, 43, 3132-3135.	4.8	19
385	Investigation of Thermally Responsive Block Copolymer Thin Film Morphologies Using Gradients. <i>ACS Applied Materials & Interfaces</i> , 2010, 2, 3241-3248.	8.0	29
386	Micropatterns of Hierarchical Self-Assembled Block Copolymer Droplets with Solvent-Assisted Wetting of Brush Monolayers. <i>Macromolecules</i> , 2010, 43, 5352-5357.	4.8	13
387	Biomolecule assisted self-assembly of π -conjugated oligomers. <i>Journal of Materials Chemistry</i> , 2010, 20, 3563.	6.7	72
388	Facile Synthesis of Functional Periodic Copolymers: A Step toward Polymer-Based Molecular Arrays.. <i>Macromolecules</i> , 2010, 43, 44-50.	4.8	92
389	Block Copolymer Based Nanostructures: Materials, Processes, and Applications to Electronics. <i>Chemical Reviews</i> , 2010, 110, 146-177.	47.7	891
390	Composition-Dependent Morphological Transitions and Pathways in Switching of Fine Structure in Thin Films of Block Copolymer Supramolecular Assemblies. <i>Macromolecules</i> , 2010, 43, 2463-2473.	4.8	66
391	PbTiO ₃ Nanoparticles Embedded in a Liquid Crystalline Elastomer Matrix: Structural and Ordering Properties. <i>Journal of Physical Chemistry C</i> , 2010, 114, 10782-10789.	3.1	33
392	Advances in <i>Macromolecules</i> . , 2010, , .		6
393	Nanostrand Formation of Block Copolymers at the Air/Water Interface. <i>ACS Nano</i> , 2010, 4, 6825-6835.	14.6	34
394	Controllable hydrothermal synthesis, growth mechanism, and properties of ZnO three-dimensional structures. <i>New Journal of Chemistry</i> , 2010, 34, 732.	2.8	39
395	Self-Assembly of Linear ² Dendritic Diblock Copolymers: From Nanofibers to Polymersomes. <i>Journal of the American Chemical Society</i> , 2010, 132, 3762-3769.	13.7	192
396	Functional and Nanostructured Materials Investigated by XPS and NEXAFS Spectroscopies. , 2010, , 165-217.		2
397	Spontaneous formation of pH-sensitive, stable vesicles in aqueous solution of N-[4-n-octyloxybenzoyl]-L-histidine. <i>Soft Matter</i> , 2010, 6, 3669.	2.7	23
398	Polymersomes with Ionic Liquid Interiors Dispersed in Water. <i>Journal of the American Chemical Society</i> , 2010, 132, 16265-16270.	13.7	50
399	Nanostructure formation via print diffusion etching through block copolymer templates. <i>Nanoscale</i> , 2010, 2, 587.	5.6	0
400	Fabrication of gold nanoparticles and silicon oxide corpuscles from block copolymers. <i>Journal of Materials Chemistry</i> , 2010, 20, 1156-1160.	6.7	2
401	Self-Assembly in Thin Films of Mixtures of Block Copolymers and Homopolymers Interacting by Hydrogen Bonds. <i>Macromolecules</i> , 2010, 43, 7734-7743.	4.8	35

#	ARTICLE	IF	CITATIONS
402	Discovering multicore micelles: insights into the self-assembly of linear ABC terpolymers in midblock-selective solvents. <i>Soft Matter</i> , 2011, 7, 3383.	2.7	56
403	Calcium ions as bioinspired triggers to reversibly control the coil-to-helix transition in peptide-polymer conjugates. <i>Soft Matter</i> , 2011, 7, 9616.	2.7	11
404	Oxidation induced self-assembly transformation of dendron-b-oligoaniline-b-dendron dumbbell shape triblock oligomer. <i>Soft Matter</i> , 2011, 7, 8516.	2.7	7
405	Self-assembly of non-linear polymers at the air/water interface: the effect of molecular architecture. <i>Soft Matter</i> , 2011, 7, 10520.	2.7	34
406	Global phase behaviour of polyphilic tapered dendrons. <i>Soft Matter</i> , 2011, 7, 7465.	2.7	1
407	Triggering the volume phase transition of core-shell Au nanorod-microgel nanocomposites with light. <i>Nanotechnology</i> , 2011, 22, 245708.	2.6	44
408	Controlling and Switching the Morphology of Micellar Nanoparticles with Enzymes. <i>Journal of the American Chemical Society</i> , 2011, 133, 8392-8395.	13.7	166
409	Newkome-Type Dendron-Stabilized Gold Nanoparticles: Synthesis, Reactivity, and Stability. <i>Chemistry of Materials</i> , 2011, 23, 2665-2676.	6.7	69
410	Constructing Metal-Based Structures on Nanopatterned Etched Silicon. <i>ACS Nano</i> , 2011, 5, 5015-5024.	14.6	21
411	Aqueous-Mixed Ionic Liquid System: Phase Transitions and Synthesis of Gold Nanocrystals. <i>Langmuir</i> , 2011, 27, 9261-9269.	3.5	41
412	Effect of Solvent Annealing on the Nano- and Micro-Structure of Block Copolymer Thin Film. <i>Journal of Macromolecular Science - Physics</i> , 2011, 50, 1298-1312.	1.0	6
414	Self-assembly of anisotropic particles. <i>Soft Matter</i> , 2011, 7, 3553.	2.7	60
415	Stimulus-Responsive Self-Assembly: Reversible, Redox-Controlled Micellization of Polyferrocenylsilane Diblock Copolymers. <i>Journal of the American Chemical Society</i> , 2011, 133, 8903-8913.	13.7	134
416	Organic-metalloblock copolymers via photocontrolled living anionic ring-opening polymerization. <i>Polymer Chemistry</i> , 2011, 2, 2651.	3.9	24
417	Pressure-Induced Order Transition in Nanodot-Forming Diblock Copolymers at the Air/Water Interface. <i>Journal of the American Chemical Society</i> , 2011, 133, 19702-19705.	13.7	23
418	Non-conventional liquid crystals: synthesis and mesomorphism of non-symmetric trimers and tetramers derived from cholesterol. <i>Liquid Crystals</i> , 2011, 38, 1563-1589.	2.2	50
421	Nanopatterning by block copolymer micelle nanolithography and bioinspired applications. <i>Biointerphases</i> , 2011, 6, MR1-MR12.	1.6	118
422	Rapid Assembly of Nanolines with Precisely Controlled Spacing from Binary Blends of Block Copolymers. <i>Macromolecules</i> , 2011, 44, 9752-9757.	4.8	41

#	ARTICLE	IF	CITATIONS
423	Phase Behavior and Color Tuning of Poly(4-vinylpyridine)- <i>b</i> -poly(ϵ -caprolactone) Complexed with Chromophores. <i>Macromolecules</i> , 2011, 44, 8898-8907.	4.8	6
424	Biomimetic mineralization of vertical N-doped carbon nanotubes. <i>Chemical Communications</i> , 2011, 47, 535-537.	4.1	31
425	Supramolecular Aggregation of Block Copolymers in the Solid State As Assisted by the Selective Formation of Inclusion Crystals. <i>Journal of the American Chemical Society</i> , 2011, 133, 8982-8994.	13.7	47
426	Peptide nanotubes: molecular organisations, self-assembly mechanisms and applications. <i>Soft Matter</i> , 2011, 7, 9583.	2.7	140
427	Hierarchically porous nanostructures through phosphonate-metal alkoxide condensation and growth using functionalized dendrimeric building blocks. <i>Chemical Communications</i> , 2011, 47, 8626.	4.1	37
429	Aqueous Dispersion Polymerization: A New Paradigm for in Situ Block Copolymer Self-Assembly in Concentrated Solution. <i>Journal of the American Chemical Society</i> , 2011, 133, 15707-15713.	13.7	398
430	Multilayered Ordering of the Metal Nanoparticles in Polymer Thin Films under Photoirradiation. <i>Langmuir</i> , 2011, 27, 733-740.	3.5	9
431	Superparamagnetic iron oxide nanoparticles (SPIONs): Development, surface modification and applications in chemotherapy. <i>Advanced Drug Delivery Reviews</i> , 2011, 63, 24-46.	13.7	1,555
432	Syntheses, structures, and properties of two metal-organic frameworks comprising bpdcc (2,2'-biphenyldicarboxylate) and bipb (2,2'-bis(imidazol-1-ylmethyl)-biphenyl). <i>Journal of Coordination Chemistry</i> , 2011, 64, 2953-2962.	2.2	5
434	Urchin-like CdS microspheres self-assembled from CdS nanorods and their photocatalytic properties. <i>Solid State Sciences</i> , 2011, 13, 970-975.	3.2	18
435	A paradigm shift in morphological architecture of PEO- <i>b</i> -PFOMA semi-fluorinated block copolymer thin films upon facile solvent annealing. <i>Polymer</i> , 2011, 52, 5212-5220.	3.8	7
436	Porous and worm-like titanium dioxide nanostructures from PS- <i>b</i> -PEO block copolymer micellar solutions. <i>Materials Chemistry and Physics</i> , 2011, 128, 166-171.	4.0	20
437	Rectangular MgO microspheres with strong catalytic activity. <i>Materials Chemistry and Physics</i> , 2011, 129, 853-861.	4.0	87
438	Enhancement effect of hematite nanoparticles on fermentative hydrogen production. <i>Bioresource Technology</i> , 2011, 102, 7903-7909.	9.6	173
439	Tunable hierarchical porosity from self-assembled chitin-silica nano-composites. <i>Journal of Materials Chemistry</i> , 2011, 21, 16997.	6.7	37
440	Effects of UV photofunctionalization on the nanotopography enhanced initial bioactivity of titanium. <i>Acta Biomaterialia</i> , 2011, 7, 3679-3691.	8.3	54
441	Detection of carcinoembryonic antigen using functional magnetic and fluorescent nanoparticles in magnetic separators. <i>Journal of Nanoparticle Research</i> , 2011, 13, 2461-2467.	1.9	10
442	SiO ₂ nanodot arrays using patterned functionalization of self-assembled block copolymer and selective adsorption of amine-terminated polydimethylsiloxane. <i>Macromolecular Research</i> , 2011, 19, 891-896.	2.4	2

#	ARTICLE	IF	CITATIONS
443	A combination of hard and soft templating for the fabrication of silica hollow microcoils with nanostructured walls. <i>Nanoscale Research Letters</i> , 2011, 6, 330.	5.7	9
444	Thermoresponsive star triblock copolymers by combination of ROP and ATRP: From micelles to hydrogels. <i>Journal of Polymer Science Part A</i> , 2011, 49, 1942-1952.	2.3	53
445	Zwitterionic shell-crosslinked micelles from block-copolymer of P$(BA-b-P(PEGMEMA-co-DMAEMA))$. <i>Journal of Polymer Science Part A</i> , 2011, 49, 2783-2789.	2.3	12
446	Double-Cyroid Morphology of a Polystyrene- b -Poly(ferrocenylethylmethylsilane) Diblock Copolymer: A Route to Ordered Bicontinuous Nanoscale Architectures. <i>Macromolecular Chemistry and Physics</i> , 2011, 212, 198-201.	2.2	10
447	Dramatic Solvent Effect on Interaction Kinetics and Self-Organization of Phenyl-C61 Butyric Acid Methyl Ester in a Triblock Copolymer. <i>Macromolecular Chemistry and Physics</i> , 2011, 212, 813-820.	2.2	6
448	Antraquinone-imide-Based Dimers: Synthesis, Piezochromism, Liquid Crystalline and Near-Infrared Electrochromic Properties. <i>Macromolecular Chemistry and Physics</i> , 2011, 212, 1836-1845.	2.2	8
449	Orienting the Demixion of a Diblock-copolymer Using 193-nm Interferometric Lithography for the Controlled Deposition of Nanoparticles. <i>Macromolecular Rapid Communications</i> , 2011, 32, 1627-1633.	3.9	6
451	Two-Dimensional Nanostructures from Positively Charged Polycyclic Aromatic Hydrocarbons. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 2791-2794.	13.8	73
452	Smectic-Layer Alignments of Surface-Modified Gold Nanoparticles in the Nanocomposite Induced by a Hydrogen-Bonded Bent-Core Liquid Crystalline Host under Electric Fields. <i>Chemistry - A European Journal</i> , 2011, 17, 13182-13187.	3.3	4
453	Amphiphilic block copolymers by a combination of anionic polymerization and selective post-polymerization functionalization. <i>European Polymer Journal</i> , 2011, 47, 415-434.	5.4	23
454	Synergistic effects of UV photofunctionalization and micro-nano hybrid topography on the biological properties of titanium. <i>Biomaterials</i> , 2011, 32, 4358-4368.	11.4	83
455	Noble metal nanoparticles/carbon nanotubes nanohybrids: Synthesis and applications. <i>Nano Today</i> , 2011, 6, 75-90.	11.9	344
456	Effect of polydispersity on the structure factor of a melt of binary multiblock copolymers with a two-length-scale macromolecular architecture. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2011, 2011, P11012. http://www.w3.org/1998/Math/MathML) t j ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 247	2.3	0
457	$\text{xmlns:mml}="http://www.w3.org/1998/Math/MathML"$		

#	ARTICLE	IF	CITATIONS
462	Phase behaviors and ordering dynamics of diblock copolymer self-assembly directed by lateral hexagonal confinement. <i>Journal of Chemical Physics</i> , 2012, 137, 194905.	3.0	14
464	Assembled Nanostructured Architectures Studied by Grazing Incidence X-Ray Scattering. <i>Nanomaterials and Nanotechnology</i> , 2012, 2, 16.	3.0	14
465	Synthesis and Characterisation of Iron Oxide Ferrite Nanoparticles and Ferrite-Based Aqueous Fluids. , 2012, , 47-72.		0
466	Polymeric Nanoparticles, Magnetic Nanoparticles and Quantum Dots: Current and Future Perspectives. , 2012, , 99-149.		0
467	Hierarchical structures via self-assembling protein-polymer hybrid building blocks. <i>Polymer</i> , 2012, 53, 6045-6052.	3.8	19
468	Magnetic iron oxide nanoparticles: synthesis and applications. <i>Bioinspired, Biomimetic and Nanobiomaterials</i> , 2012, 1, 229-244.	0.9	37
469	Soft Materials “ Properties and Applications. , 2012, , 1-59.		6
473	Room-temperature columnar mesophases of nickel-bis(dithiolene) metallomesogens. <i>RSC Advances</i> , 2012, 2, 4453.	3.6	21
474	Shape-controlled synthesis of porous screw-cap-like indium tin oxide and its application for gas sensing. <i>CrystEngComm</i> , 2012, 14, 7145.	2.6	3
475	Amine-functionalized nanoporous thin films from a poly(ethylene oxide)-block-polystyrene diblock copolymer bearing a photocleavable o-nitrobenzyl carbamate junction. <i>Soft Matter</i> , 2012, 8, 4486.	2.7	32
476	Preparation and self-assembly of two-length-scale A-b-(B-b-A)n-b-B multiblock copolymers. <i>Soft Matter</i> , 2012, 8, 4479.	2.7	21
477	Semi-fluorinated Block Copolymer Directed Ordering of Gold Nanoparticles in Thin Films via Solvent Vapor Annealing. <i>Molecular Crystals and Liquid Crystals</i> , 2012, 568, 139-144.	0.9	0
478	Morphological transformations in a dually thermoresponsive coil “ rod “ coil bioconjugate. <i>Soft Matter</i> , 2012, 8, 3832.	2.7	38
479	Thermally Sensitive Block Copolymer Particles Prepared via Aerosol Flow Reactor Method: Morphological Characterization and Behavior in Water. <i>Macromolecules</i> , 2012, 45, 8401-8411.	4.8	18
480	Blockiness and Sequence Polydispersity Effects on the Phase Behavior and Interfacial Properties of Gradient Copolymers. <i>Macromolecules</i> , 2012, 45, 6281-6297.	4.8	43
481	Bilayer Membrane Permeability of Ionic Liquid-Filled Block Copolymer Vesicles in Aqueous Solution. <i>Journal of Physical Chemistry B</i> , 2012, 116, 8282-8289.	2.6	17
482	Exploring Lateral Microphase Separation in Mixed Polymer Brushes by Experiment and Self-Consistent Field Theory Simulations. <i>Macromolecules</i> , 2012, 45, 510-524.	4.8	38
483	Morphology Transformation of Hybrid Micelles Self-Assembled from Rod “ Coil Block Copolymer and Nanoparticles. <i>Langmuir</i> , 2012, 28, 4515-4524.	3.5	55

#	ARTICLE	IF	CITATIONS
484	Curvature Modification of Block Copolymer Microdomains Using Blends of Block Copolymers with Hydrogen Bonding Interactions. <i>Macromolecules</i> , 2012, 45, 8729-8742.	4.8	26
485	Stimuli-triggered structural engineering of synthetic and biological polymeric assemblies. <i>Progress in Polymer Science</i> , 2012, 37, 1130-1176.	24.7	82
486	Tuning Ion Conducting Pathways Using Holographic Polymerization. <i>Nano Letters</i> , 2012, 12, 310-314.	9.1	46
487	Amphiphilic diblock copolymer modification of carbon nanotubes in CO ₂ -expanded liquids. <i>Chemical Engineering Journal</i> , 2012, 209, 118-125.	12.7	7
488	Dramatic Specificity Effect in Supramolecular Hydrogels. <i>Chemistry - A European Journal</i> , 2012, 18, 11723-11731.	3.3	106
489	Functionalized Nanoporous Thin Films From Blends of Block Copolymers and Homopolymers Interacting via Hydrogen Bonding. <i>Macromolecular Chemistry and Physics</i> , 2012, 213, 2075-2080.	2.2	17
490	Nanostructures Based on Self-Assembly of Block Copolymers. , 2012, , 191-216.		2
491	Block Copolymer Thin Films on Patterned Substrates. , 2012, , 233-249.		0
492	Block Copolymers in the Condensed State. , 2012, , 3-44.		16
496	Phase behavior of mesoporous silicas templated by the amphiphilic diblock copolymer poly(ethylene-b-ethylene oxide). <i>Microporous and Mesoporous Materials</i> , 2012, 163, 34-41.	4.4	13
497	Materials self-assembly and fabrication in confined spaces. <i>Journal of Materials Chemistry</i> , 2012, 22, 10389.	6.7	75
498	Symmetric Diblock Copolymers Confined by Two Nanopatterned Surfaces. <i>Macromolecules</i> , 2012, 45, 2588-2596.	4.8	25
499	2D ordered arrays of nanopatterns fabricated by using colloidal crystals as templates. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2012, 30, 041802.	1.2	1
501	2D hexagonal mesoporous platinum films exhibiting biaxial, in-plane pore alignment. <i>Journal of Materials Chemistry</i> , 2012, 22, 13311.	6.7	10
502	Solvent vapor induced structural evolution of micelle clusters and square slices that form in PS-b-PEO solutions. <i>Journal of Polymer Research</i> , 2012, 19, 1.	2.4	5
503	Synthesis and characterization of Q-PEO-b-PVBC and Q-PEO-b-(PVBC-grad-PS) combined RAFT polymerization and post-polymerization quaternization. <i>Journal of Polymer Research</i> , 2012, 19, 1.	2.4	2
504	Synthesis of Polystyrene Microspheres in the Presence of Zinc Oxide Nanoparticles. <i>International Polymer Science and Technology</i> , 2012, 39, 15-20.	0.1	0
505	Magnetic field alignment of block copolymers and polymer nanocomposites: Scalable microstructure control in functional soft materials. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2012, 50, 2-8.	2.1	107

#	ARTICLE	IF	CITATIONS
506	Interaction of <sc>l</sc>â€œleucylâ€œ<sc>l</sc>â€œleucylâ€œ<sc>l</sc>â€œleucine thin film with water and organic vapors: receptor properties and related morphology. Journal of Peptide Science, 2012, 18, 209-214.	1.4	18
507	Rational design of hyperbranched 3D heteroarrays of SrS/CdS: synthesis, characterization and evaluation of photocatalytic properties for efficient hydrogen generation and organic dye degradation. Nanoscale, 2012, 4, 3543.	5.6	35
508	Ordered Arrays of Gold Nanostructures from Interfacially Assembled Au@PNIPAM Hybrid Nanoparticles. Langmuir, 2012, 28, 8985-8993.	3.5	81
509	Chitosan Bioâ€Based Organicâ€Inorganic Hybrid Aerogel Microspheres. Chemistry - A European Journal, 2012, 18, 8264-8277.	3.3	149
510	Phase Transfer of CdS Nanocrystals Mediated by Heptamine Î²-Cyclodextrin. Langmuir, 2012, 28, 8711-8720.	3.5	7
511	Morphology Evolution in Slowly Dip-Coated Supramolecular PS-<i>b</i>-P4VP Thin Films. Macromolecules, 2012, 45, 5463-5476.	4.8	46
512	Nanoporous thin films from ionically connected diblock copolymers. European Polymer Journal, 2012, 48, 940-944.	5.4	15
513	Crystal growth of gold nanoparticles through annealing induced phase transition of semifluorinated block copolymer micellar films. Materials Letters, 2012, 75, 111-114.	2.6	2
514	Synthesis and functionalization of magnetite nanoparticles with different amino-functional alkoxysilanes. Journal of Magnetism and Magnetic Materials, 2012, 324, 534-539.	2.3	218
515	Responsive Vesicles from the Selfâ€Assembly of Crystallineâ€Coil Polyferrocenylsilaneâ€block<i>â€Poly(ethylene Oxide) Starâ€Block Copolymers. Chemistry - A European Journal, 2012, 18, 517-525.	3.3	28
516	Micropatterns of Nonâ€Circular Droplets of Nanostructured PSâ€<i>b</i>-PEO Copolymer by Solventâ€Assisted Wetting on a Chemically Periodic Surface. Macromolecular Chemistry and Physics, 2012, 213, 431-438.	2.2	6
517	Functionalized Nanoporous Thin Films From Photocleavable Block Copolymers. Macromolecular Rapid Communications, 2012, 33, 199-205.	3.9	37
518	Ionic Current Rectification in Softâ€Matter Diodes with Liquidâ€Metal Electrodes. Advanced Functional Materials, 2012, 22, 625-631.	14.9	113
519	Shear behavior of soft-matrix composites reinforced with polyethylene loop-formed fibers. Iranian Polymer Journal (English Edition), 2013, 22, 15-24.	2.4	6
520	Amphiphilic copolymers based on polyoxazoline and grape seed vegetable oil derivatives: self-assemblies and dynamic light scattering. Journal of Nanoparticle Research, 2013, 15, 1.	1.9	15
521	Nanomaterial processing using self-assembly-bottom-up chemical and biological approaches. Reports on Progress in Physics, 2013, 76, 066501.	20.1	114
522	Plasmonic three-dimensional dimpled array from highly ordered self-assembled liquid crystal defects. Journal of Materials Chemistry C, 2013, 1, 1434.	5.5	8
523	Factors influencing the synthesis and the post-modification of PEGylated pentafluorophenyl acrylate containing copolymers. European Polymer Journal, 2013, 49, 3060-3071.	5.4	27

#	ARTICLE	IF	CITATIONS
524	Effect of Chain Length of PEO on the Gelation and Micellization of the Pluronic F127 Copolymer Aqueous System. <i>Langmuir</i> , 2013, 29, 9694-9701.	3.5	61
525	Monodisperse Pattern Nanoalloying for Synergistic Intermetallic Catalysis. <i>Nano Letters</i> , 2013, 13, 5720-5726.	9.1	58
526	Molecular Dynamics Simulation of the Motion of Colloidal Nanoparticles in a Solute Concentration Gradient and a Comparison to the Continuum Limit. <i>Physical Review Letters</i> , 2013, 111, 184501.	7.8	18
527	Dimensional Control of Block Copolymer Nanofibers with a π -Conjugated Core: Crystallization-Driven Solution Self-Assembly of Amphiphilic Poly(3-hexylthiophene)- <i>b</i> -poly(2-vinylpyridine). <i>Chemistry - A European Journal</i> , 2013, 19, 9186-9197.	13.3	91
528	Nanofabrication with metallopolymers – recent developments and future perspectives. <i>Polymer International</i> , 2013, 62, 1123-1134.	3.1	26
529	Synergistic self-assembly of scaffolds and building blocks for directed synthesis of organic nanomaterials. <i>Chemical Communications</i> , 2013, 49, 11026.	4.1	23
530	Selective Postmodification of Copolymer Backbones Bearing Different Activated Esters with Disparate Reactivities. <i>ACS Macro Letters</i> , 2013, 2, 912-917.	4.8	43
531	Tetragonal and Helical Morphologies from Polyferrocenylsilane Block Polyelectrolytes via Ionic Self-Assembly. <i>Journal of the American Chemical Society</i> , 2013, 135, 2455-2458.	13.7	35
532	Soft-graphoepitaxy using nanoimprinted polyhedral oligomeric silsesquioxane substrates for the directed self-assembly of PS- <i>b</i> -PDMS. <i>European Polymer Journal</i> , 2013, 49, 3512-3521.	5.4	12
533	Flexible and Transferrable Self-Assembled Nanopatterning on Chemically Modified Graphene. <i>Advanced Materials</i> , 2013, 25, 1331-1335.	21.0	88
534	Towards a highly efficient simulated sunlight driven photocatalyst: a case of heterostructured ZnO/ZnS hybrid structure. <i>Dalton Transactions</i> , 2013, 42, 14178.	3.3	63
535	In situ TEM observation of phase transition of the nanoscopic patterns on baroplastic block copolymer films during nanoindentation. <i>Nanoscale</i> , 2013, 5, 4351.	5.6	4
536	Directed self-assembly of spherical caps via confinement. <i>Soft Matter</i> , 2013, 9, 9153.	2.7	22
537	Self-organisation effects in dynamic nanoscale gels self-assembled from simple mixtures of commercially available molecular-scale components. <i>Chemical Science</i> , 2013, 4, 671-676.	7.4	43
538	Directed self-assembly of block copolymers for universal nanopatterning. <i>Soft Matter</i> , 2013, 9, 2780.	2.7	62
539	On the ubiquitous presence of fractals and fractal concepts in pharmaceutical sciences: A review. <i>International Journal of Pharmaceutics</i> , 2013, 456, 340-352.	5.2	53
540	Shear induced orientation of phase segregated block copolymer/epoxy blends. <i>European Polymer Journal</i> , 2013, 49, 3359-3365.	5.4	6
541	DPPC:MPOx chimeric advanced Drug Delivery nano Systems (chi-aDDnSs): Physicochemical and structural characterization, stability and drug release studies. <i>International Journal of Pharmaceutics</i> , 2013, 450, 1-10.	5.2	62

#	ARTICLE	IF	CITATIONS
542	Emerging trends in metal-containing block copolymers: synthesis, self-assembly, and nanomanufacturing applications. <i>Journal of Materials Chemistry C</i> , 2013, 1, 2080.	5.5	73
544	Mechanochromic luminescent liquid crystals based on a bianthryl moiety. <i>Journal of Materials Chemistry C</i> , 2013, 1, 2648.	5.5	82
545	Photo-responsive block copolymer micelles: design and behavior. <i>Chemical Society Reviews</i> , 2013, 42, 7117.	38.1	480
546	Micro- and nanophase separations in hierarchical self-assembly of strongly amphiphilic block copolymer-based ionic supramolecules. <i>Soft Matter</i> , 2013, 9, 1540-1555.	2.7	10
547	Synthesis and solution-state dynamics of donor-acceptor oligorotaxane foldamers. <i>Chemical Science</i> , 2013, 4, 1470.	7.4	43
548	Counterion-Mediated Hierarchical Self-Assembly of an ABC Miktoarm Star Terpolymer. <i>ACS Nano</i> , 2013, 7, 4030-4041.	14.6	82
549	Organic Solvent-Based Graphene Oxide Liquid Crystals: A Facile Route toward the Next Generation of Self-Assembled Layer-by-Layer Multifunctional 3D Architectures. <i>ACS Nano</i> , 2013, 7, 3981-3990.	14.6	219
550	Pore-Functionalized Nanoporous Materials Derived from Block Copolymers. <i>Macromolecular Rapid Communications</i> , 2013, 34, 962-982.	3.9	37
551	A novel Zn ₂ GeO ₄ superstructure for effective photocatalytic hydrogen generation. <i>Journal of Materials Chemistry A</i> , 2013, 1, 7798.	10.3	29
552	Oscillation of a Polymer Gel Entrained with a Periodic Force. <i>Journal of Physical Chemistry B</i> , 2013, 117, 2215-2220.	2.6	19
553	In Vivo Bio-Safety Evaluations and Diagnostic/Therapeutic Applications of Chemically Designed Mesoporous Silica Nanoparticles. <i>Advanced Materials</i> , 2013, 25, 3144-3176.	21.0	636
554	Lipid Nanotechnology. <i>International Journal of Molecular Sciences</i> , 2013, 14, 4242-4282.	4.1	177
555	Demixing and nematic behaviour of oblate hard spherocylinders and hard spheres mixtures: Monte Carlo simulation and Parsons-Lee theory. <i>Molecular Physics</i> , 2013, 111, 3136-3146.	1.7	16
556	Self-Assembly of Soft Matter. <i>Springer Theses</i> , 2013, , 1-17.	0.1	0
557	Orientation and Alignment Control of Microphase-Separated PS- <i>b</i> -PDMS Substrate Patterns via Polymer Brush Chemistry. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 88-97.	8.0	36
558	Solvated Graphenes: An Emerging Class of Functional Soft Materials. <i>Advanced Materials</i> , 2013, 25, 13-30.	21.0	212
559	Tuning PDMS Brush Chemistry by UV-O ₃ Exposure for PS- <i>b</i> -PDMS Microphase Separation and Directed Self-assembly. <i>Langmuir</i> , 2013, 29, 8959-8968.	3.5	13
561	Incorporating shear into stochastic Eulerian-Lagrangian methods for rheological studies of complex fluids and soft materials. <i>Physica D: Nonlinear Phenomena</i> , 2013, 265, 57-70.	2.8	9

#	ARTICLE	IF	CITATIONS
562	Photoinduced Disorder in Strongly Segregated Block Copolymer Composite Films for Hierarchical Pattern Formation. <i>ACS Nano</i> , 2013, 7, 1513-1523.	14.6	28
563	Nanoporous membranes by cooperative self-assembly of functionalized SEBS and titania. <i>Surface and Interface Analysis</i> , 2013, 45, 1252-1260.	1.8	2
564	Modulation of human osteoblasts by metal surface chemistry. <i>Journal of Biomedical Materials Research - Part A</i> , 2013, 101A, 2355-2364.	4.0	11
565	Kinetics of lamellar formation on sparsely stripped patterns. <i>Journal of Chemical Physics</i> , 2013, 139, 194903.	3.0	11
566	Investigating Interfacial Contributions on the Layer-Thickness-Dependent Mechanical Response of Confined Self-Assembly via Forced Assembly. <i>Macromolecular Chemistry and Physics</i> , 2013, 214, 873-881.	2.2	14
567	Positron lifetime spectroscopy in ordered nanoporous polymers. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2013, 51, 1157-1161.	2.1	9
568	Shear Induced Morphological Transformation of Large Compound Micelles Formed by Glutathione End-capped Poly(4-vinylpyridine). <i>Chinese Journal of Chemistry</i> , 2013, 31, 745-751.	4.9	2
569	Order-Disorder Transition and Alignment Dynamics of a Block Copolymer Under High Magnetic Fields by <i>In Situ</i> X-Ray Scattering. <i>Physical Review Letters</i> , 2013, 110, 078301.	7.8	67
571	Twisted Morphologies and Novel Chiral Macroporous Films from the Self-Assembly of Optically Active Helical Polyphosphazene Block Copolymers. <i>Chemistry - A European Journal</i> , 2013, 19, 5644-5653.	3.3	23
572	Fast Release of Sulfosalicylic Acid from Polymer Implants Consisting of Regenerated Cellulose/ ³ -Ferric Oxide/Polypyrrole. <i>Hindawi Journal of Chemistry</i> , 2014, 2014, 1-7.	1.6	2
574	Nickel-Dithiolene Ion-Pair Compounds Showing Thermotropic Liquid Crystal Behaviors and Alkyl Chain Length Dependent Electrochemical Properties. <i>Soft Materials</i> , 2014, 12, 166-178.	1.7	9
575	The height of cell-adhesive nanoposts generated by block copolymer/surfactant complex systems influences the preosteoblast phenotype. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 123, 679-684.	5.0	3
576	Control on titania nanostructure by combining block copolymer assisted sol-gel synthesis with rapid flux solvent atmosphere treatment. <i>European Polymer Journal</i> , 2014, 59, 270-281.	5.4	4
577	Photodynamic Therapy: One Step Ahead with Self-Assembled Nanoparticles. <i>Journal of Biomedical Nanotechnology</i> , 2014, 10, 1937-1952.	1.1	74
578	Soft matter design principles for inorganic photonic nanoarchitectures in photovoltaics, colorimetric sensing, and self-cleaning antireflective coatings. <i>Proceedings of SPIE</i> , 2014, , .	0.8	1
579	Mechanically stable and photocatalytically active TiO ₂ /SiO ₂ hybrid films on flexible organic substrates. <i>Journal of Materials Chemistry A</i> , 2014, 2, 20096-20104.	10.3	39
580	Inulin-based polymer coated SPIONs as potential drug delivery systems for targeted cancer therapy. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 88, 695-705.	4.3	53
581	Nanostructure Formation in Block Copolymers. , 2014, , 195-271.		8

#	ARTICLE	IF	CITATIONS
582	Designing Supramolecular Liquid-Crystalline Hybrids from Pyrenyl-Containing Dendrimers and Arene Ruthenium Metallacycles. <i>Journal of the American Chemical Society</i> , 2014, 136, 17616-17625.	13.7	45
583	Polymer Nanoparticles Based on Pyrene-Functionalized Poly(acrylic acid) for Controlled Release under Photo and pH Stimulation. <i>Macromolecular Rapid Communications</i> , 2014, 35, 721-726.	3.9	34
584	Nanomaterial with Variable d -Spacing Prepared from Self-Assembly of Cleavable Triblock Polystyrene- (S_{22}) -Poly(<i>tert</i> -butyl acrylate)-Polystyrene. <i>Macromolecular Chemistry and Physics</i> , 2014, 215, 1908-1914.	2.2	5
585	Collapse transitions in thermosensitive multi-block copolymers: A Monte Carlo study. <i>Journal of Chemical Physics</i> , 2014, 140, 204904.	3.0	4
586	Combined Stabilizing Effects of Trifluoromethyl Groups and Semifluorinated Side Chains on the Thermotropic Liquid-Crystal Behavior of β^2 -Enamino Ketone Ligands and Their Bischelate Pd^{II} Complexes. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 5609-5617.	2.0	5
587	Electrode Materials (Bulk Materials and Modification). <i>Nanostructure Science and Technology</i> , 2014, , 403-495.	0.1	6
588	Nanotechnology in drug delivery: the need for more cell culture based studies in screening. <i>Chemistry Central Journal</i> , 2014, 8, 46.	2.6	18
589	Nanoparticle assembly of a photo- and pH-responsive random azobenzene copolymer. <i>Journal of Colloid and Interface Science</i> , 2014, 421, 15-21.	9.4	43
590	The effect of substrate and air humidity on morphology of films of L-leucyl-L-leucine dipeptide. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2014, 50, 49-54.	1.1	30
591	Orientation control over bent-core smectic liquid crystal phases. <i>Liquid Crystals</i> , 2014, 41, 328-341.	2.2	13
592	Optical and magnetic properties of Fe ₂ O ₃ nanoparticles synthesized by laser ablation/fragmentation technique in different liquid media. <i>Applied Surface Science</i> , 2014, 289, 462-471.	6.1	78
593	Periodic Reciprocating Motion of a Polymer Gel on an Aqueous Phase Synchronized with the Belousov-Zhabotinsky Reaction. <i>Langmuir</i> , 2014, 30, 517-521.	3.5	27
594	Nucleobase-grafted supramolecular polymers for tuning the surface properties. <i>Polymer Chemistry</i> , 2014, 5, 702-705.	3.9	4
595	Morphological studies on Sn-O coordination driving self-assembly of well-defined organotin-containing block copolymers. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2014, 32, 1655-1665.	3.8	3
596	Self-assembly of phosphorous containing oligomers: morphological features and pH-sensitiveness in suspension. <i>Soft Matter</i> , 2014, 10, 7545-7557.	2.7	5
597	Double-Striped Metallic Patterns from PS- <i>b</i> -P4VP Nanostrand Templates. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 18360-18367.	8.0	16
598	Probing the aggregation behavior of 4-aminophthalimide and 4-(N,N-dimethyl)amino-N-methylphthalimide: a combined photophysical, crystallographic, microscopic and theoretical (DFT) study. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 18349.	2.8	22
599	Self-assembled multicellular vesicles via complexation of a rigid conjugated polymer with an amphiphilic block copolymer. <i>RSC Advances</i> , 2014, 4, 54752-54759.	3.6	6

#	ARTICLE	IF	CITATIONS
600	Repetitive Cleavage of Elastomeric Membrane via Controlled Interfacial Fracture. ACS Applied Materials & Interfaces, 2014, 6, 11734-11740.	8.0	3
601	Polymerization-Induced Self-Assembly of Block Copolymer Nano-objects via RAFT Aqueous Dispersion Polymerization. Journal of the American Chemical Society, 2014, 136, 10174-10185.	13.7	923
602	Natural gum rosin thin films nanopatterned by poly(styrene)-block-poly(4-vinylpyridine) block copolymer. RSC Advances, 2014, 4, 32024.	3.6	11
603	Directing the Assembly of Gold Nanoparticles with Two-Dimensional Molecular Networks. ACS Nano, 2014, 8, 2214-2222.	14.6	32
604	Fractal analysis as a complementary approach to predict the stability of drug delivery nano systems in aqueous and biological media: A regulatory proposal or a dream?. International Journal of Pharmaceutics, 2014, 473, 213-218.	5.2	8
605	Spontaneous Counterion-Induced Vesicle Formation: Multivalent Binding to Europium(III) for a Wide-Range Optical pH Sensor. Advanced Functional Materials, 2014, 24, 6204-6209.	14.9	31
606	Multistep hierarchical self-assembly of chiral nanopore arrays. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 14342-14347.	7.1	53
607	Formation of Helical Phases in Achiral Block Copolymers by Simple Addition of Small Chiral Additives. Macromolecules, 2014, 47, 6547-6553.	4.8	44
608	Polyethyleneimine-mediated synthesis of superparamagnetic iron oxide nanoparticles with enhanced sensitivity in T2 magnetic resonance imaging. Colloids and Surfaces B: Biointerfaces, 2014, 122, 752-759.	5.0	19
609	Worm-like micelles in water solutions of 1, 4 poly (1, 3-butadiene)-polyethylene oxide diblock copolymer. European Physical Journal E, 2014, 37, 10.	1.6	5
610	Structure and plasmon coupling of gold-poly(N-isopropylacrylamide) core-shell microgel arrays with thermally controlled interparticle gap. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 463, 18-27.	4.7	22
611	Sensitivity of the Multiple Functional Moieties of Amino Acids for the Self-Assembly of Au Nanoparticles on Different Physicochemical Properties. Journal of Cluster Science, 2014, 25, 1085-1098.	3.3	1
612	pH responsive nanoplates from bulk self-assembly of UV-crosslinkable poly(tert-butyl) Tj ETQqO O O rgBT /Overlock 10 Tf 50 262 Td (acry	2.4	1
613	Intertwined Lamello-Columnar Coassemblies in Liquid-Crystalline Side-Chain π -Conjugated Polymers: Toward a New Class of Nanostructured Supramolecular Organic Semiconductors. Macromolecules, 2014, 47, 1715-1731.	4.8	38
614	Effect of alkoxy terminal chain length on mesomorphism of 1,6-disubstituted pyrene-based hexacatenar liquid crystals: columnar phase control. Tetrahedron, 2014, 70, 5100-5108.	1.9	16
615	Synthesis of orthogonally addressable block copolymers via reversible addition fragmentation chain transfer polymerization and subsequent chemoselective postmodification. Journal of Polymer Science Part A, 2014, 52, 258-266.	2.3	9
616	Lamellar Microdomains of Block-Copolymer-Based Ionic Supramolecules Exhibiting a Hierarchical Self-Assembly. Macromolecules, 2014, 47, 3428-3435.	4.8	2
617	Effect of CdSe nanoparticle addition on nanostructuring of PS-b-P4VP copolymer via solvent vapor exposure. Journal of Colloid and Interface Science, 2014, 416, 25-29.	9.4	8

#	ARTICLE	IF	CITATIONS
619	Synthetic Covalent and Non-Covalent 2D Materials. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 13876-13894.	13.8	157
620	Fiber-Like Micelles from the Crystallization-Driven Self-Assembly of Poly(3-heptylselenophene)- <i>block</i> -Polystyrene. <i>Macromolecular Chemistry and Physics</i> , 2015, 216, 685-695.	2.2	35
622	Role of PVA in synthesis of nano Co ₃ O ₄ -decorated graphene oxide. <i>Polymers for Advanced Technologies</i> , 2015, 26, 1114-1122.	3.2	1
623	Morphology and thermoresponsive behavior of hybrid micelles of polystyrene- <i>b</i> -poly((N-isopropyl) Tj ETQq1 1 0.784314 rgBT /Overlook (English Edition), 2015, 33, 1038-1047.	3.8	5
624	Lipid Nanoparticles for Ocular Gene Delivery. <i>Journal of Functional Biomaterials</i> , 2015, 6, 379-394.	4.4	71
626	Using Scanning-Probe Block Copolymer Lithography and Electron Microscopy To Track Shape Evolution in Multimetallic Nanoclusters. <i>ACS Nano</i> , 2015, 9, 12137-12145.	14.6	21
627	Biomimetic Microfingerprints for Anti-Counterfeiting Strategies. <i>Advanced Materials</i> , 2015, 27, 2083-2089.	21.0	243
628	High-Resolution Metal Nanopatterning by Means of Switchable Block Copolymer Templates. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 12559-12569.	8.0	35
629	Carbon encapsulated iron oxide nanoparticles surface engineered with polyethylene glycol-folic acid to induce selective hyperthermia in folate over expressed cancer cells. <i>International Journal of Pharmaceutics</i> , 2015, 480, 8-14.	5.2	40
630	Mesoporous Alumina from Colloidal Biotemplating of Al Clusters. <i>Chemistry - A European Journal</i> , 2015, 21, 3206-3210.	3.3	15
631	Chiral Perylene Diimides: Building Blocks for Ionic Self-Assembly. <i>Chemistry - A European Journal</i> , 2015, 21, 5118-5128.	3.3	66
632	Interaction of <i>l</i> -alanyl- <i>l</i> -valine and <i>l</i> -valyl- <i>l</i> -alanine with organic vapors: thermal stability of clathrates, sorption capacity and the change in the morphology of dipeptide films. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 20168-20177.	2.8	14
633	Impact of chain microstructure on solution and thin film self-assembly of PCHD-based semi-flexible/flexible diblock copolymers. <i>Soft Matter</i> , 2015, 11, 6509-6519.	2.7	5
634	Enhanced Retention of Encapsulated Ions in Cross-Linked Polymersomes. <i>Journal of Physical Chemistry B</i> , 2015, 119, 4300-4308.	2.6	13
635	Soft Graphoepitaxy for Large Area Directed Self-Assembly of Polystyrene- <i>block</i> -Poly(dimethylsiloxane) Block Copolymer on Nanopatterned POSS Substrates Fabricated by Nanoimprint Lithography. <i>Advanced Functional Materials</i> , 2015, 25, 3425-3432.	14.9	20
636	Block Copolymer Nanostructures and Their Applications: A Review. <i>Polymer-Plastics Technology and Engineering</i> , 2015, 54, 1077-1095.	1.9	19
637	The effect of surfactants-bound magnetite (Fe ₃ O ₄) on the photocatalytic properties of the heterogeneous magnetic zinc oxides nanoparticles. <i>Separation and Purification Technology</i> , 2015, 147, 266-275.	7.9	30
638	Bicontinuous microemulsions for high yield, wet synthesis of ultrafine nanoparticles: a general approach. <i>Faraday Discussions</i> , 2015, 181, 37-48.	3.2	12

#	ARTICLE	IF	CITATIONS
639	Supramolecular chiral self-assembly and supercoiling behavior of carrageenans at varying salt conditions. <i>Nanoscale</i> , 2015, 7, 16182-16188.	5.6	48
640	PEGylation of superparamagnetic iron oxide nanoparticle for drug delivery applications with decreased toxicity: an in vivo study. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	1.9	23
641	Barium Carbonate Nanorods Synthesized through Multi-Phase Equilibrium Microemulsions. <i>Journal of Nano Research</i> , 2015, 34, 99-107.	0.8	0
642	Influence of aqueous environment on agglomeration and dissolution of thiol-functionalised mesoporous silica-coated magnetite nanoparticles. <i>Environmental Science and Pollution Research</i> , 2015, 22, 3257-3264.	5.3	8
643	Novel paradigm of design and delivery of nutraceuticals with nanoscience and technology. , 2016, , 343-385.		1
644	Synthesis, characterization, applications, and challenges of iron oxide nanoparticles. <i>Nanotechnology, Science and Applications</i> , 2016, Volume 9, 49-67.	4.6	1,043
645	Bioinspired Materials for Water Purification. <i>Materials</i> , 2016, 9, 447.	2.9	17
646	Synthesis, self-assembly, and formation of photo-crosslinking-stabilized fluorescent micelles covalently containing zinc(II)-bis(8-hydroxyquinoline) for ABC triblock copolymer bearing cinnamoyl and 8-hydroxyquinoline side groups. <i>Journal of Polymer Science Part A</i> , 2016, 54, 1056-1064.	2.3	2
647	From regulation of elementary stages of radical processes to controlled synthesis of macromolecules. <i>Russian Journal of Organic Chemistry</i> , 2016, 52, 1541-1557.	0.8	4
648	Self-oscillating Gel Accelerated while Sensing the Shape of an Aqueous Surface. <i>Langmuir</i> , 2016, 32, 3901-3906.	3.5	6
649	Impact of intrinsic backbone chain stiffness on the morphologies of bottle-brush diblock copolymers. <i>Polymer</i> , 2016, 97, 191-195.	3.8	13
650	β -cyclodextrin functionalized poly (5-amidoisophthalic acid) grafted Fe ₃ O ₄ magnetic nanoparticles: A novel biocompatible nanocomposite for targeted docetaxel delivery. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 417, 451-459.	2.3	56
651	Stimuli-Responsive Directing Self-Organized 3D Liquid-Crystalline Nanostructures: From Materials Design to Photonic Applications. <i>Advanced Functional Materials</i> , 2016, 26, 10-28.	14.9	264
652	AFM study of thin films of oligopeptide L-valyl-L-valine before and after interaction with vapors. <i>Journal of Surface Investigation</i> , 2016, 10, 210-216.	0.5	2
653	Complex High-Aspect-Ratio Metal Nanostructures by Secondary Sputtering Combined with Block Copolymer Self-Assembly. <i>Advanced Materials</i> , 2016, 28, 8439-8445.	21.0	26
655	Surface Engineering of Magnetite Nanoparticles by Plant Protein: Investigation into Magnetic Properties. <i>Nano Hybrids and Composites</i> , 0, 11, 38-44.	0.8	2
657	Large-scale self-organization of reconfigurable topological defect networks in nematic liquid crystals. <i>Nature Communications</i> , 2016, 7, 13238.	12.8	56
658	Controlled Modulation of Surface Coating and Surface Charging on Quantum Dots with Negatively Charged Gelatin for Substantial Enhancement and Reversible Switching in Photoluminescence. <i>Advanced Functional Materials</i> , 2016, 26, 8991-8998.	14.9	5

#	ARTICLE	IF	CITATIONS
659	Polymersomes mimic biofilms fractal growth. Journal of Polymer Research, 2016, 23, 1.	2.4	3
660	Atomic and global mechanical properties of systems described by the Stillinger-Weber potential. Journal of Physics Condensed Matter, 2016, 28, 325201.	1.8	1
661	Coordination polymer hydrogels through Ag(SCP)-mediated spontaneous self-assembly of unsubstituted nucleobases and their antimicrobial activity. RSC Advances, 2016, 6, 62968-62973.	3.6	33
662	Mechanoresponsive Luminescent Molecular Assemblies: An Emerging Class of Materials. Advanced Materials, 2016, 28, 1073-1095.	21.0	740
663	Inspired smart materials with external stimuli responsive wettability: a review. RSC Advances, 2016, 6, 36623-36641.	3.6	136
664	Shape optimization of self-avoiding curves. Journal of Computational Physics, 2016, 311, 275-298.	3.8	5
665	Nanostructures of 3-aminopropyltriethoxysilane created on flat substrate by combining colloid lithography and vapor deposition. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 495, 39-45.	4.7	5
666	Fluorescence Studies of Polymer Containing Systems. Springer Series on Fluorescence, 2016, , .	0.8	7
667	Phase Behavior of Alkyne-Functionalized Styrenic Block Copolymer/Cobalt Carbonyl Adducts and in Situ Formation of Magnetic Nanoparticles by Thermolysis. Macromolecules, 2016, 49, 853-865.	4.8	14
668	Solution-Liquid-Solid Synthesis, Properties, and Applications of One-Dimensional Colloidal Semiconductor Nanorods and Nanowires. Chemical Reviews, 2016, 116, 10888-10933.	47.7	153
669	Maleimide-functionalized poly(2-ethyl-2-oxazoline): synthesis and reactivity. Polymer Chemistry, 2016, 7, 2419-2426.	3.9	10
670	Monodisperse polyvinylpyrrolidone-coated CoFe_2O_4 nanoparticles: Synthesis, characterization and cytotoxicity study. Applied Surface Science, 2016, 365, 114-119.	6.1	31
671	Phase Behavior of Ternary Polymer Brushes. ACS Macro Letters, 2016, 5, 149-153.	4.8	14
672	Cu(0) -Mediated Living Radical Polymerization: A Versatile Tool for Materials Synthesis. Chemical Reviews, 2016, 116, 835-877.	47.7	373
673	The application of self-assembled nanostructures in peptide-based subunit vaccine development. European Polymer Journal, 2017, 93, 670-681.	5.4	57
674	Inhibition of an enriched culture of ammonia oxidizing bacteria by two different nanoparticles: Silver and magnetite. Science of the Total Environment, 2017, 586, 995-1002.	8.0	29
675	Robust porous polymers enabled by a fast trifluoroacetic acid etch with improved selectivity for polylactide. Materials Chemistry Frontiers, 2017, 1, 1526-1533.	5.9	9
676	Impact of Short-Wavelength and Long-Wavelength Line-Edge Roughness on the Variability of Ultrascaled FinFETs. IEEE Transactions on Electron Devices, 2017, 64, 1231-1238.	3.0	6

#	ARTICLE	IF	CITATIONS
677	Understanding Surface and Interfacial Chemistry in Functional Nanomaterials via Solid-State NMR. <i>Advanced Materials</i> , 2017, 29, 1605895.	21.0	91
678	Agglomeration potential of TiO ₂ in synthetic leachates made from the fly ash of different incinerated wastes. <i>Environmental Pollution</i> , 2017, 223, 616-623.	7.5	9
679	Virus-like particles with tunable morphology derived from amphiphilic polyplexes. <i>Soft Materials</i> , 2017, 15, 191-195.	1.7	0
680	Self-assembly of maltoheptaose-b-PMMA block copolymer systems: 10 nm Resolution in thin film and bulk states. <i>Carbohydrate Polymers</i> , 2017, 170, 15-22.	10.2	7
681	Theoretical modeling and simulations of self-assembly of copolymers in solution. <i>Progress in Polymer Science</i> , 2017, 75, 1-30.	24.7	95
682	Simple and scalable preparation of master mold for nanoimprint lithography. <i>Nanotechnology</i> , 2017, 28, 205303.	2.6	5
683	<i>50th Anniversary Perspective</i>: Functional Nanoparticles from the Solution Self-Assembly of Block Copolymers. <i>Macromolecules</i> , 2017, 50, 3439-3463.	4.8	295
684	Light-Initiated <i>in Situ</i> Self-Assembly (LISA) from Multiple Homopolymers. <i>Macromolecules</i> , 2017, 50, 4276-4280.	4.8	12
685	Synthesis of textured polysaccharide-silica nanocomposites: a comparison between cellulose and chitin nanorod precursors. <i>New Journal of Chemistry</i> , 2017, 41, 6014-6024.	2.8	5
686	Nanoscale silicon substrate patterns from self-assembly of cylinder forming poly(styrene)- <i>block</i> -poly(dimethylsiloxane) block copolymer on silane functionalized surfaces. <i>Nanotechnology</i> , 2017, 28, 044001.	2.6	4
687	Self-assembly of nucleopeptides to interact with DNAs. <i>Interface Focus</i> , 2017, 7, 20160116.	3.0	22
688	Fungal synthesis of size-defined nanoparticles. <i>Advances in Natural Sciences: Nanoscience and Nanotechnology</i> , 2017, 8, 043001.	1.5	54
689	Shear alignment of a poly(styrene-butadiene-styrene) triblock copolymer/MWCNT nanocomposite. <i>Polymer</i> , 2017, 131, 1-9.	3.8	23
690	Evolution of Microphase Separation with Variations of Segments of Sequence-Controlled Multiblock Copolymers. <i>Macromolecules</i> , 2017, 50, 7380-7387.	4.8	44
691	Double thermoresponsive pentablock copolymers: synthesis by one-pot RAFT polymerization and self-assembly in aqueous solutions. <i>Polymer Chemistry</i> , 2017, 8, 7217-7228.	3.9	8
692	Synthesis of surfactants by polymerization of glycerol (meth)acrylates with fatty acids derivatives as chain ends. <i>Journal of Materials Science</i> , 2017, 52, 968-980.	3.7	4
693	Copolymer Nanocomposite Thin-Films Under Shear. <i>Macromolecular Symposia</i> , 2017, 376, 1600211.	0.7	0
694	Nanostructured Composites and Polymer Materials Science. <i>International Polymer Science and Technology</i> , 2017, 44, 37-48.	0.1	21

#	ARTICLE	IF	CITATIONS
695	Quantitative Prediction of Multivalent Ligand–Receptor Binding Affinities for Influenza, Cholera, and Anthrax Inhibition. <i>ACS Nano</i> , 2018, 12, 4140-4147.	14.6	36
696	Luminescent Naphthalene Diimide-Based Peptide in Aqueous Medium and in Solid State: Rewritable Fluorescent Color Code. <i>ACS Omega</i> , 2018, 3, 2174-2182.	3.5	25
697	Dextran coated Fe ₃ O ₄ nanoparticles as a near-infrared laser-driven photothermal agent for efficient ablation of cancer cells in vitro and in vivo. <i>Materials Science and Engineering C</i> , 2018, 90, 46-56.	7.3	21
698	A laser-activated multifunctional targeted nanoagent for imaging and gene therapy in a mouse xenograft model with retinoblastoma Y79 cells. <i>Acta Biomaterialia</i> , 2018, 70, 211-226.	8.3	18
699	Magnetic labeling of natural lipid encapsulations with iron-based nanoparticles. <i>Nano Research</i> , 2018, 11, 2970-2991.	10.4	9
700	An engineering insight into block copolymer self-assembly: Contemporary application from biomedical research to nanotechnology. <i>Chemical Engineering Journal</i> , 2018, 342, 71-89.	12.7	28
701	Temperature-Dependence of Persistence Length Affects Phenomenological Descriptions of Aligning Interactions in Nematic Semiconducting Polymers. <i>Chemistry of Materials</i> , 2018, 30, 748-761.	6.7	17
703	Ring and Linear Copolymer Blends under Confinement. <i>Journal of Physical Chemistry B</i> , 2018, 122, 1306-1314.	2.6	2
704	Photonic Properties and Applications of Cellulose Nanocrystal Films with Planar Anchoring. <i>ACS Applied Nano Materials</i> , 2018, 1, 2175-2183.	5.0	38
705	Polyion complex micelle formation from double-hydrophilic block copolymers composed of charged and non-charged segments in aqueous media. <i>Polymer Journal</i> , 2018, 50, 95-100.	2.7	66
706	The Ericksen model of liquid crystals with colloidal and electric effects. <i>Journal of Computational Physics</i> , 2018, 352, 568-601.	3.8	8
707	Low Molecular Weight Supramolecular Gels Under Shear: Rheology as the Tool for Elucidating Structure–Function Correlation. <i>Chemistry - A European Journal</i> , 2018, 24, 762-776.	3.3	97
708	Synthesis and characterization of polymer-coated manganese ferrite nanoparticles as controlled drug delivery. <i>Applied Surface Science</i> , 2018, 428, 258-263.	6.1	72
709	β -Cyclodextrin grafted polypyrrole magnetic nanocomposites toward the targeted delivery and controlled release of doxorubicin. <i>Applied Surface Science</i> , 2018, 427, 1189-1198.	6.1	39
710	Vortex ferromagnetic domain structures of ferromagnetic CoFe ₂ O ₄ nanodisks formed by local crystallization using a heated atomic force microscope tip. <i>Materials Letters</i> , 2018, 213, 331-334.	2.6	3
711	Lyotropic Liquid Crystals Incorporated with Different Kinds of Carbon Nanomaterials or Biomolecules. , 2018, , .		0
712	Magnetically-Programmable Cylindrical Microparticles by Facile Reaping Method. <i>Macromolecular Research</i> , 2018, 26, 1108-1114.	2.4	3
713	Tunable large-scale regular array of topological defects in nematic liquid crystals. <i>RSC Advances</i> , 2018, 8, 35640-35645.	3.6	17

#	ARTICLE	IF	CITATIONS
714	Study of Organic Self-Assembled Nanosystems by Means of High-Frequency ESR/ENDOR: The Case of Oil Asphaltenes. Russian Journal of General Chemistry, 2018, 88, 2374-2380.	0.8	14
715	Mosaics of topological defects in micropatterned liquid crystal textures. Science Advances, 2018, 4, eaau8064.	10.3	50
716	Using superparamagnetic iron oxide nanoparticles to enhance bioavailability of quercetin in the intact rat brain. BMC Pharmacology & Toxicology, 2018, 19, 59.	2.4	56
717	Optimizing parameters to achieve giant deformation of an incompressible dielectric elastomeric plate. Extreme Mechanics Letters, 2018, 22, 60-68.	4.1	18
718	Complexation of plasmid DNA and poly(ethylene oxide)/poly(propylene oxide) polymers for safe gene delivery. Environmental Chemistry Letters, 2018, 16, 1457-1462.	16.2	10
719	Biomedical Applications of Magnetic Nanomaterials. , 2018, , 345-389.		9
720	Conducting PEDOT Nanoparticles: Controlling Colloidal Stability and Electrical Properties. Journal of Physical Chemistry C, 2018, 122, 19197-19203.	3.1	17
721	Morphology transformation of micelles self-assembled from amphiphilic coil-coil diblock copolymer/nanoparticle mixture in dilute solution by combining self-consistent field theory and density functional theory. Chemical Physics Letters, 2018, 710, 215-220.	2.6	6
722	Toward Uniform Nanofibers with a Ñ-Conjugated Core: Optimizing the ÑLivingÑCrystallization-Driven Self-Assembly of Diblock Copolymers with a Poly(3-octylthiophene) Core-Forming Block. Macromolecules, 2018, 51, 5101-5113.	4.8	33
723	Mechanics of polymer brush based soft active materialsÑ theory and experiments. Journal of the Mechanics and Physics of Solids, 2018, 121, 296-312.	4.8	16
724	Nanopatterning via Self-Assembly of a Lamellar-Forming Polystyrene-block-Poly(dimethylsiloxane) Diblock Copolymer on Topographical Substrates Fabricated by Nanoimprint Lithography. Nanomaterials, 2018, 8, 32.	4.1	19
725	Preparation, characterization and utilization of coreshell super paramagnetic iron oxide nanoparticles for curcumin delivery. PLoS ONE, 2018, 13, e0200440.	2.5	49
726	Blending Mechanism of PS-b-PEO and PS Homopolymer at the Air/Water Interface and Their Morphological Control. Langmuir, 2018, 34, 10293-10301.	3.5	11
727	Structure, rheology, and microrheology of wormlike micelles made of PBÑPEO diblock copolymers. Soft Matter, 2018, 14, 7264-7276.	2.7	10
728	Ionic effects on the self-assembly, molecular dynamics and conduction properties of a 1,2,3-triazole-based amphiphile. Journal of Materials Chemistry C, 2018, 6, 9802-9810.	5.5	6
729	Soft Materials Driven by Photothermal Effect and Their Applications. Advanced Optical Materials, 2018, 6, 1800458.	7.3	120
730	Synthesis of Magnetic Iron Oxide Nanoparticles. , 2018, , 145-181.		10
731	Synthesis of Double-Shelled Hollow Inorganic Nanospheres through Block Copolymer-Metal Coordination and Atomic Layer Deposition. Polymers, 2019, 11, 1208.	4.5	2

#	ARTICLE	IF	CITATIONS
732	Conformal 3D Nanopatterning by Block Copolymer Lithography with Vapor-Phase Deposited Neutral Adlayer. ACS Nano, 2019, 13, 13092-13099.	14.6	15
733	<p>Tuning the surface coating of IONs toward efficient sonochemical tethering and sustained liberation of topoisomerase II poisons</p>. International Journal of Nanomedicine, 2019, Volume 14, 7609-7624.	6.7	2
734	Injectable polypeptide hydrogel/inorganic nanoparticle composites for bone tissue engineering. PLoS ONE, 2019, 14, e0210285.	2.5	36
735	Preparation of membrane-mimicking lamellar structures by molecular confinement of hybrid nanocomposites. Chemical Communications, 2019, 55, 2900-2903.	4.1	8
736	Dendronized magnetic nanoparticles for HIV-1 capture and rapid diagnostic. Colloids and Surfaces B: Biointerfaces, 2019, 181, 360-368.	5.0	22
737	Morphology control in semicrystalline solid polymer electrolytes for lithium batteries. Molecular Systems Design and Engineering, 2019, 4, 793-803.	3.4	18
738	Theoretical and Experimental Study of Reversible and Stable Wetting States of a Hierarchically Wrinkled Surface Tuned by Mechanical Strain. Langmuir, 2019, 35, 6870-6877.	3.5	18
739	Designing Molecular Photoswitches for Soft Materials Applications. Advanced Optical Materials, 2019, 7, 1900404.	7.3	99
740	Smart supramolecular gels of enolizable amphiphilic glycosylfuran. Journal of Materials Chemistry B, 2019, 7, 6238-6246.	5.8	9
741	Transition metal nanoparticles in ionic liquids: Synthesis and stabilization. Journal of Molecular Liquids, 2019, 276, 826-849.	4.9	83
742	Versatile PISA templates for tailored synthesis of nanoparticles. European Polymer Journal, 2019, 110, 49-55.	5.4	18
743	Self-Assembly Behavior of an Oligothiophene-Based Conjugated Liquid Crystal and Its Implication for Ionic Conductivity Characteristics. Advanced Functional Materials, 2019, 29, 1805220.	14.9	20
745	Poly(alkyl/arylphosphazene)-Metal Nanoparticle Composites. Journal of Inorganic and Organometallic Polymers and Materials, 2020, 30, 259-267.	3.7	2
746	Functionalization-induced self-assembly under ambient conditions via thiol-epoxide "click" chemistry. Polymer Chemistry, 2020, 11, 298-303.	3.9	15
747	Non-Native Block Copolymer Thin Film Nanostructures Derived from Iterative Self-Assembly Processes. Advanced Materials Interfaces, 2020, 7, 1901747.	3.7	17
748	Architecture-Dependent Interplay between Self-Assembly and Crystallization in Discrete Block Co-Oligomers. ACS Macro Letters, 2020, 9, 38-42.	4.8	11
749	Recent advances in conjugated polythiophene-based rod-rod block copolymers: From morphology control to optoelectronic applications. Giant, 2020, 4, 100039.	5.1	25
750	In vitro and ex vivo relaxometric properties of ethylene glycol coated gadolinium oxide nanoparticles for potential use as contrast agents in magnetic resonance imaging. Journal of Applied Physics, 2020, 128, 034903.	2.5	5

#	ARTICLE	IF	CITATIONS
751	<i>In situ</i> SAXS studies of a prototypical RAFT aqueous dispersion polymerization formulation: monitoring the evolution in copolymer morphology during polymerization-induced self-assembly. Chemical Science, 2020, 11, 11443-11454.	7.4	57
752	Magnetic nanoparticles: drug delivery and bioimaging applications. , 2020, , 189-213.		27
753	Bicontinuous Cubic and Hexagonal Columnar Liquid Crystalline Ion-Conductors at Room Temperature in Ion-Doped Dendritic Amphiphiles. Crystals, 2020, 10, 193.	2.2	3
754	Nanoparticle-Stabilized Lattices of Topological Defects in Liquid Crystals. International Journal of Thermophysics, 2020, 41, 1.	2.1	14
755	Surface functionalization of cellulose with polyethyleneimine and magnetic nanoparticles for efficient removal of anionic dye in wastewater. Journal of Environmental Chemical Engineering, 2021, 9, 104639.	6.7	44
756	Starch magnetic nanocomposites for gene delivery. , 2021, , 295-309.		1
757	Nanoparticle controlled nematic macroscopic properties. Journal of Molecular Structure, 2021, 1230, 129878.	3.6	2
758	Rapid Responsive Mechanochromic Photonic Pigments with Alternating Glassy-Rubbery Concentric Lamellar Nanostructures. ACS Nano, 2021, 15, 8770-8779.	14.6	34
759	Smart Bionic Surfaces with Switchable Wettability and Applications. Journal of Bionic Engineering, 2021, 18, 473-500.	5.0	14
760	Antibacterial and cytotoxic activity of polymer-metal hybrid nanoparticle. Advances in Natural Sciences: Nanoscience and Nanotechnology, 2021, 12, 025003.	1.5	5
761	Hydrophobic-modified metal-hydroxide nanoflocculants enable one-step removal of multi-contaminants for drinking water production. IScience, 2021, 24, 102491.	4.1	12
762	Direct Observation of Confinement Effects of Semiconducting Polymers in Polymer Blend Electronic Systems. Advanced Science, 2021, 8, 2100332.	11.2	12
763	Equilibrium mechanisms of self-limiting assembly. Reviews of Modern Physics, 2021, 93, .	45.6	46
764	Thermally induced self-assembly of poly(4-(tert-butyldimethylsiloxy)styrene- <i>b</i> -2-vinylpyridine) with extremely reduced roughness of patterns. European Polymer Journal, 2021, 157, 110653.	5.4	2
765	Block Copolymers beneath the Surface: Measuring and Modeling Complex Morphology at the Subdomain Scale. Macromolecules, 2021, 54, 9223-9257.	4.8	27
766	Self-Assembly of core-corona colloids under cylindrical confinement: A Monte Carlo study. Journal of Molecular Liquids, 2021, 335, 116219.	4.9	7
767	Morphological properties of one-dimensional ZnO nanostructures grown by thermal chemical vapor deposition with different source materials. Molecular Crystals and Liquid Crystals, 0, , 1-8.	0.9	0
768	Amphiphilic core-shell magnetic adsorbents for efficient removal and detection of phthalate esters. Chemical Engineering Journal, 2021, 423, 129817.	12.7	30

#	ARTICLE	IF	CITATIONS
769	One-pot synthesis of linear triblock terpolymers and their aqueous self-assembly. <i>Polymer Chemistry</i> , 2021, 12, 1967-1974.	3.9	8
770	Poly(2-oxazoline)- and Poly(2-oxazine)-Based Self-Assemblies, Polyplexes, and Drug Nanoformulations” An Update. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001382.	7.6	48
772	Hybrid Semiconductor-Molecular Integrated Circuits for Digital Electronics: CMOL Approach. <i>Nanostructure Science and Technology</i> , 2008, , 15-57.	0.1	2
773	Stabilizers-Mediated Nanoparticles Syntheses. <i>Nanostructure Science and Technology</i> , 2017, , 211-316.	0.1	3
774	Experiments on liquid surfaces and interfaces. , 0, , 173-299.		1
775	Strongly Phase-Segregating Block Copolymers with Sub-20 nm Features. <i>ACS Macro Letters</i> , 2013, 2, 677-682.	4.8	25
776	CHAPTER 9. Soft Hybrid Nanoparticles: from Preparation to Biomedical Applications. <i>RSC Nanoscience and Nanotechnology</i> , 0, , 312-341.	0.2	1
777	Protein Crystal-Mediated Biotemplating. <i>Journal of Porous Media</i> , 2009, 12, 213-220.	1.9	10
778	Tell Me Something I Do Not Know. Multiscale Molecular Modeling of Dendrimer/ Dendron Organization and Self-Assembly In Gene Therapy. <i>Current Medicinal Chemistry</i> , 2012, 19, 5062-5087.	2.4	28
779	Time and Size-dependent Biogenically Synthesized Nanoparticles Using Fungus <i>Fusarium Oxysporum</i> : A Review on their Preparation, Characterization and Biological Activities. <i>Nanoscience and Nanotechnology - Asia</i> , 2020, 10, 95-108.	0.7	5
780	Interdisciplinary approaches to the study of biological membranes. <i>AIMS Biophysics</i> , 2020, 7, 267-290.	0.6	8
781	Au/Titania Composite Nanoparticle Arrays with Controlled Size and Spacing by Organic-Inorganic Nanohybridization in Thin Film Block Copolymer Templates. <i>Bulletin of the Korean Chemical Society</i> , 2007, 28, 1015-1020.	1.9	19
783	Alignment and Use of Self-Assembled Peptide Nanotubes as Dry-Etching Mask. <i>Japanese Journal of Applied Physics</i> , 2012, 51, 06FF13.	1.5	4
785	2D Nanodot and Nanowires Arrays of Titania and Silica with Tunable Morphologies via Self-Assembled Block Copolymers and Sol-gel Chemistry. <i>Journal of the Korean Chemical Society</i> , 2008, 52, 387-393.	0.2	0
790	Historical Perspective of Advances in Fluorescence Research on Polymer Systems. <i>Springer Series on Fluorescence</i> , 2016, , 151-202.	0.8	0
791	Self-assembled structures of bent-shaped Ĩ-conjugated compounds: effect of siloxane groups for nano-segregation. <i>CrystEngComm</i> , 2020, 22, 8412-8420.	2.6	3
792	A comparative study of the self-assembly of achiral and chiral hairy nanoparticles with polystyrene cores and poly(2-hydroxyethylmethacrylate) hairs. <i>RSC Advances</i> , 2020, 10, 37358-37368.	3.6	2
793	Starch engineered with <i>Moringa oleifera</i> seeds protein crosslinked Fe ₃ O ₄ : A synthesis and flocculation studies. <i>International Journal of Biological Macromolecules</i> , 2021, , .	7.5	5

#	ARTICLE	IF	CITATIONS
794	Magnetic Nanoparticles; Synthesis, Properties and Electrochemical Application: A Review. Current Biochemical Engineering, 2020, 6, 91-102.	1.3	15
795	Semiconductor nanocrystal-polymer composites: using polymers for nanocrystal processing. , 2008, , 171-196.		2
796	Iron Oxide Nanoparticles: Tuning to Advanced Nano Drug Delivery. Nanoscience and Nanotechnology - Asia, 2020, 10, 734-747.	0.7	0
797	Self-assembly of carbohydrate-based block copolymer systems: glyconanoparticles and highly nanostructured thin films. Polymer Journal, 2022, 54, 455-464.	2.7	9
798	Synthesis and Self-Assembly of Amphiphilic Ferrocene-Selenopeptide Conjugates. European Journal of Organic Chemistry, 2022, 2022, .	2.4	0
799	A $\frac{C}{1 + \frac{1}{C}}$ finite element method for axisymmetric lipid membranes in the presence of the Gaussian energy. Computer Methods in Applied Mechanics and Engineering, 2022, 391, 114472.	6.6	1
801	Block Copolymer Nanopatterning for Nonsemiconductor Device Applications. ACS Applied Materials & Interfaces, 2022, 14, 12011-12037.	8.0	36
802	Bacteria capture with magnetic nanoparticles modified with cationic carbosilane dendritic systems. Materials Science and Engineering C, 2022, 133, 112622.	7.3	12
803	Liquid Crystals: Versatile Self-Organized Smart Soft Materials. Chemical Reviews, 2022, 122, 4887-4926.	47.7	288
804	Phase Behaviors of ABA Star Polymer and Nanoparticles Confined in a Sphere with Soft Inner Surface. Polymers, 2022, 14, 1610.	4.5	0
807	Microfluidic Generation of Multicomponent Soft Biomaterials. Engineering, 2022, 13, 128-143.	6.7	14
808	Solvent-assisted self-assembly of block copolymer thin films. Soft Matter, 2022, 18, 4042-4066.	2.7	10
809	How the modification of the hyperbranched terminals affects the solution self-assembly of linear-block-hyperbranched copolymers. Journal of Polymer Research, 2022, 29, .	2.4	0
810	Necklace-Like Nanostructures: From Fabrication, Properties to Applications. Advanced Materials, 2022, 34, .	21.0	8
811	Characterization of three-dimensional fractional viscoelastic models through complex modulus analysis and polar decomposition. Physics of Fluids, 2022, 34, 077115.	4.0	2
812	Slave-master mechanism of thermotropic liquid crystal phase transitional behavior. Physica B: Condensed Matter, 2022, 642, 414142.	2.7	3
813	The introduction of dendrimers as a new approach to improve the performance and quality of various blood products (platelets, plasma and erythrocytes): a 2010-2022 review study. Current Nanoscience, 2022, 18, .	1.2	0
814	Adsorption of O ₂ molecule on the transition metals (TM(II) = Sc ²⁺ , Ti ²⁺ , V ²⁺ , Cr ²⁺ , Mn ²⁺ , Fe ²⁺ , Co ²⁺ ,) Tj ETQq1 1 0.784314 rgBT /Ov Graphics and Modelling, 2023, 119, 108362.	2.4	6

#	ARTICLE	IF	CITATIONS
816	Multilevel Self-Assembly of Block Copolymers and Polymer Colloids for a Transparent and Sensitive Gas Sensor Platform. <i>ACS Nano</i> , 2022, 16, 18767-18776.	14.6	5
817	Oxidation triggered structural transformations of a self-assembled telluropeptide. <i>Materials Today Chemistry</i> , 2023, 27, 101318.	3.5	2
818	Structural and dynamical studies of CH ₃ -bonded CH ₃ -C ₆ H ₅ dimer by ultrafast intermolecular Coulombic decay. <i>Nanotechnology</i> , 0, , .	2.6	0
819	Recent advances in mixing-induced nanoprecipitation: from creating complex nanostructures to emerging applications beyond biomedicine. <i>Nanoscale</i> , 2023, 15, 3594-3609.	5.6	9
820	Polyethyleneimine/polyethylene glycol-conjugated gold nanoparticles as nanoscale positive/negative controls in nanotoxicology: testing in frog embryo teratogenesis assay <i>Xenopus</i> and mammalian tissue culture system. <i>Nanotoxicology</i> , 2023, 17, 94-115.	3.0	1
821	Coarse-grained methods for heterogeneous vesicles with phase-separated domains: Elastic mechanics of shape fluctuations, plate compression, and channel insertion. <i>Mathematics and Computers in Simulation</i> , 2023, 209, 342-361.	4.4	0
822	In silico investigation of metalophthalocyanine substituted in carbon nanocones (TM-PhCCNC, TM=) <i>Tj ETQqO O O rgBT /Overlock 10 Tf 5</i> <i>Molecular Structure</i> , 2023, 1284, 135263.	3.6	7
823	Raman laser induced self-organization with topology in a dipolar condensate. <i>Optics Express</i> , 2023, 31, 7523.	3.4	1
824	Recent advances of superparamagnetic iron oxide nanoparticles and its applications in neuroscience under external magnetic field. <i>Applied Nanoscience (Switzerland)</i> , 0, , .	3.1	0
825	Development of Supramolecular Metallogel Derived from Nickel(II)-Salt and Adipic Acid: An Effective Material for Microelectronic Semiconducting Device Application. <i>Chemistry Africa</i> , 2023, 6, 3217-3228.	2.4	2
826	Solvent-Dependent Supramolecular Assembly Behavior of a Coumarin Headed Amphiphile. <i>Soft Matter</i> , 0, , .	2.7	0
827	Induced Red Circularly Polarized Luminescence Emission Promoted by Intermolecular Förster Resonance Energy Transfer through a Cholesteric Liquid Crystal Medium. <i>ACS Applied Materials & Interfaces</i> , 2023, 15, 25783-25790.	8.0	6
828	Development of protective coating compositions for process tanks. <i>AIP Conference Proceedings</i> , 2023, , .	0.4	1
829	Phase behavior of nematic-nanoparticle mixtures. , 0, 3, .		0
830	Photocatalytic Degradation of Ciprofloxacin with Supramolecular Materials Consisting of Nitrogenous Organic Cations and Metal Salts. <i>Catalysts</i> , 2023, 13, 1134.	3.5	0
831	Soft Nanomaterials and Their Applications. , 2023, , 27-68.		1
832	A DPD model of soft spheres with waterlike anomalies and poly(a)morphism. <i>Soft Matter</i> , 2023, 19, 7613-7624.	2.7	0
833	Monitoring of Pore Orientation by <i>in Operando</i> Grazing Incidence Small-Angle X-ray Scattering during Templated Electrodeposition of Mesoporous Pt Films. <i>ACS Applied Materials & Interfaces</i> , 2023, 15, 47604-47614.	8.0	1

#	ARTICLE	IF	CITATIONS
834	Activation of N ₂ -fixing bacteria with ferric-NPs enhances biohydrogen generation from industrial wastes. Biocatalysis and Agricultural Biotechnology, 2023, 54, 102911.	3.1	0
835	Rapid Semiconducting Supramolecular Mg(II)-Metallohydrogel: Exploring Its Potential in Nonvolatile Resistive Switching Applications and Antiseptic Wound Healing Properties. Langmuir, 0, , .	3.5	0
836	Tailoring on Rotational Symmetry of Liquid Crystal Domain Lattices. , 2024, 3, .		0
837	Criticality Controlling Mechanisms in Nematic Liquid Crystals. Nanomaterials, 2024, 14, 320.	4.1	0
838	Near-Infrared Light-Induced Polymerizations: Mechanisms and Applications. ChemPlusChem, 0, , .	2.8	0
839	Qualitatively and Quantitatively Different Configurations of Nematic-Nanoparticle Mixtures. Nanomaterials, 2024, 14, 436.	4.1	0
840	Colloid and nanoparticle-driven phase behavior in weakly perturbed nematic liquid crystals. Journal of Molecular Structure, 2024, 1307, 138002.	3.6	0