

Hsin-Lung Chen

List of Publications by Year in descending order

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213
papers

7,530
citations

50566

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84171

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217
all docs

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docs citations

217
times ranked

10326
citing authors

#	ARTICLE	IF	CITATIONS
1	Kinetics and Mechanism of In Situ Metallization of Bulk DNA Films. <i>Nanoscale Research Letters</i> , 2022, 17, 18.	3.1	2
2	Small angle scattering of diblock copolymers profiled by machine learning. <i>Journal of Chemical Physics</i> , 2022, 156, 131101.	1.2	3
3	Single Conjugated Polymer with Four Stepwise HOMO Levels for Effective Hole Injection Across Large Barrier 1.4 eV to Core-Shell Quantum Dot Layer for Electroluminescence in Inverted QLED. <i>Advanced Optical Materials</i> , 2022, 10, .	3.6	13
4	Calcium peroxide aids tyramine-alginate gel to crosslink with tyrosinase for efficient cartilage repair. <i>International Journal of Biological Macromolecules</i> , 2022, 208, 299-313.	3.6	10
5	Dendrimer-mediated columnar mesophase of surfactants. <i>Soft Matter</i> , 2021, 17, 397-409.	1.2	3
6	Superhelical DNA liquid crystals from dendrimer-induced DNA compaction. <i>Soft Matter</i> , 2021, 17, 7287-7293.	1.2	1
7	Cold atmospheric plasma physically reinforced substances of platelets-laden photothermal-responsive methylcellulose complex restores burn wounds. <i>International Journal of Biological Macromolecules</i> , 2021, 192, 506-515.	3.6	15
8	Emergence of a Metastable Laves C14 Phase of Block Copolymer Micelle Bearing a Glassy Core. <i>Macromolecules</i> , 2021, 54, 9195-9203.	2.2	10
9	Thermodynamically Originated Stacking Fault in the Close-Packed Structure of Block Copolymer Micelles. <i>Macromolecules</i> , 2021, 54, 8936-8945.	2.2	8
10	Solubilization Behavior of Homopolymer in Its Blend with the Block Copolymer Displaying the Feature of Lower Critical Ordering Transition. <i>Polymers</i> , 2021, 13, 3415.	2.0	5
11	Cold-atmospheric plasma augments functionalities of hybrid polymeric carriers regenerating chronic wounds: In vivo experiments. <i>Materials Science and Engineering C</i> , 2021, 131, 112488.	3.8	13
12	Confined crystallization in the binary blends of diblock copolymers bearing stereoisomeric isotactic and syndiotactic polypropylene. <i>Polymer Crystallization</i> , 2021, 4, e10213.	0.5	1
13	Polysaccharide conformations measured by solution state X-ray scattering. <i>Chemical Physics Letters</i> , 2020, 739, 136951.	1.2	13
14	Hexagonal Close-Packed Sphere Phase of Conformationally Symmetric Block Copolymer. <i>Macromolecules</i> , 2020, 53, 9665-9675.	2.2	20
15	Highly Efficient Förster Resonance Energy Transfer Modulations of Dual-AIEgens between a Tetraphenylethylene Donor and a Merocyanine Acceptor in Photo-Switchable [2]Rotaxanes and Reversible Photo-Patterning Applications. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 47921-47938.	4.0	43
16	Biomimetic Engineering of a Scavenger-Free Nitric Oxide-Generating/Delivering System to Enhance Radiation Therapy. <i>Small</i> , 2020, 16, e2000655.	5.2	19
17	Radiation Therapy: Biomimetic Engineering of a Scavenger-Free Nitric Oxide-Generating/Delivering System to Enhance Radiation Therapy (Small 23/2020). <i>Small</i> , 2020, 16, 2070126.	5.2	0
18	Structure of DNA-PAMAM dendrimer complexes studied using small-angle scattering techniques. <i>Current Medicinal Chemistry</i> , 2020, 27, 7529-7543.	1.2	1

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19	Preparation and characterization of heterocyclic polyamide 6 (PA 6) with high transparencies and low hygroscopicities. <i>Journal of Molecular Structure</i> , 2019, 1175, 836-843.	1.8	15
20	Hierarchical Structure and Dynamics of a Polymer/Nanoparticle Hybrid Displaying Attractive Polymer-Particle Interaction. <i>Macromolecules</i> , 2019, 52, 8741-8750.	2.2	5
21	Homocrystallization and Stereocomplex Crystallization Behaviors of As-Spun and Hot-Drawn Poly(L-lactide)/Poly(D-lactide) Blended Fibers During Heating. <i>Polymers</i> , 2019, 11, 1502.	2.0	6
22	Polymers dynamics of the nonfluoro, nano-brush repelling agent with self-stratifying property in water-based coatings. <i>Journal of Applied Polymer Science</i> , 2019, 136, 48003.	1.3	1
23	Resolving solution conformations of the model semi-flexible polyelectrolyte homogalacturonan using molecular dynamics simulations and small-angle x-ray scattering. <i>European Physical Journal E</i> , 2019, 42, 19.	0.7	9
24	Preparation of long-chain branched polyethylene terephthalates (PETs), and crystallization behaviors, thermal characteristics, and hydrolysis resistance of their biaxially stretching films. <i>Journal of Physics and Chemistry of Solids</i> , 2019, 129, 354-367.	1.9	8
25	Phase-Changeable Nanoemulsions for Oral Delivery of a Therapeutic Peptide: Toward Targeting the Pancreas for Antidiabetic Treatments Using Lymphatic Transport. <i>Advanced Functional Materials</i> , 2019, 29, 1809015.	7.8	32
26	FCC or HCP: The stable close-packed lattice of crystallographically equivalent spherical micelles in block copolymer/homopolymer blend. <i>Polymer</i> , 2019, 169, 131-137.	1.8	19
27	Ribbon Phase of Dendrimer-Surfactant Complexes. <i>Macromolecules</i> , 2019, 52, 9177-9185.	2.2	3
28	Revealing Molecular Level Indicators of Collagen Stability: Minimizing Chrome Usage in Leather Processing. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 7096-7104.	3.2	36
29	Non-volatile resistive memory devices based on solution-processed natural DNA biomaterial. <i>Organic Electronics</i> , 2018, 54, 216-221.	1.4	31
30	Crystallization of Polymers in Confined Space. , 2018, , 367-431.		8
31	Orientation Preferences of Interchain Stacking for Poly(3-hexylthiophene) Nanowires Prepared Using Template-Based Wetting Methods. <i>Macromolecular Chemistry and Physics</i> , 2018, 219, 1800078.	1.1	2
32	A nonvolatile morphology regulator for enhancing the molecular order in the active layer and power conversion efficiency of polymer solar cells. <i>Journal of Materials Chemistry A</i> , 2018, 6, 8874-8879.	5.2	9
33	Design of long-chain branched copolyesters and manufacture as well as physical properties of their extrusion films. <i>Reactive and Functional Polymers</i> , 2018, 122, 98-106.	2.0	12
34	Order-Order Transition from Ordered Bicontinuous Double Diamond to Hexagonally Packed Cylinders in Stereoregular Diblock Copolymer/Homopolymer Blends. <i>Macromolecules</i> , 2018, 51, 8493-8500.	2.2	11
35	Stabilizing the Ordered Bicontinuous Double Diamond Structure of Diblock Copolymer by Configurational Regularity. <i>Macromolecules</i> , 2018, 51, 4049-4058.	2.2	20
36	An Intestinal α -Transformers-like Nanocarrier System for Enhancing the Oral Bioavailability of Poorly Water-Soluble Drugs. <i>ACS Nano</i> , 2018, 12, 6389-6397.	7.3	24

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37	Crystal orientation of PEO confined within the nanorod templated by AAO nanochannels. <i>Soft Matter</i> , 2018, 14, 5461-5468.	1.2	20
38	Nonisothermal Crystallization Kinetics of Ethylene Vinyl Alcohol Copolymer with Poly(oxypropylene)diamine Intercalated Montmorillonite. <i>Journal of Macromolecular Science - Physics</i> , 2018, 57, 333-347.	0.4	4
39	Preparation of photosensitive polyimides (PSPIs) and their feasible evaluation for lithographic insulation patterns (LIPs) of integrated circuits (ICs) without negative photoresists. <i>Materials Science in Semiconductor Processing</i> , 2018, 88, 132-138.	1.9	8
40	The effect of linker DNA on the structure and interaction of nucleosome core particles. <i>Soft Matter</i> , 2018, 14, 9096-9106.	1.2	10
41	Variable Crystal Orientation of Poly(ethylene oxide) Confined within the Tubular Space Templated by Anodic Aluminum Oxide Nanochannels. <i>Macromolecules</i> , 2017, 50, 631-641.	2.2	20
42	Crystallization behavior of crystalline/crystalline polymer blends under confinement in electrospun nanofibers of polystyrene/poly(ethylene oxide)/poly(μ -caprolactone) ternary mixtures. <i>Soft Matter</i> , 2017, 13, 1569-1582.	1.2	20
43	Phase Structure of the Exact Graft Copolymer Synthesized by Iterative Methodology Based on Living Anionic Polymerization. <i>Macromolecular Chemistry and Physics</i> , 2017, 218, 1700150.	1.1	0
44	Enhancing the emission of hexa-peri-hexabenzocoronene-containing polynorbornene via electron donating, unsymmetric constitution and solvent effects. <i>Polymer Chemistry</i> , 2017, 8, 3327-3332.	1.9	7
45	Safety and efficacy of self-assembling bubble carriers stabilized with sodium dodecyl sulfate for oral delivery of therapeutic proteins. <i>Journal of Controlled Release</i> , 2017, 259, 168-175.	4.8	31
46	Ligand displacement induced morphologies in block copolymer/quantum dot hybrids and formation of core-shell hybrid nanoobjects. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 27651-27663.	1.3	14
47	Undulating the Lamellar Interface of Polymer-Surfactant Complex by Dendrimer. <i>Macromolecules</i> , 2017, 50, 6501-6508.	2.2	6
48	<i>In Situ</i> Nanoreactor for Photosynthesizing H_2 Gas To Mitigate Oxidative Stress in Tissue Inflammation. <i>Journal of the American Chemical Society</i> , 2017, 139, 12923-12926.	6.6	117
49	Highly Stretchable Free-Standing Poly(acrylic acid)-block-poly(vinyl alcohol) Films Obtained from Cobalt-Mediated Radical Polymerization. <i>Macromolecules</i> , 2017, 50, 6054-6063.	2.2	10
50	Conformational Preferences and the Phase Stability of Fullerene Hexa-adducts. <i>Chemistry - an Asian Journal</i> , 2016, 11, 2011-2015.	1.7	6
51	Elucidating the DNA-Histone Interaction in Nucleosome from the DNA-Dendrimer Complex. <i>Macromolecules</i> , 2016, 49, 4277-4285.	2.2	10
52	Crystallization behaviour of poly(ethylene oxide) under confinement in the electrospun nanofibers of polystyrene/poly(ethylene oxide) blends. <i>Soft Matter</i> , 2016, 12, 5110-5120.	1.2	28
53	Spatial Distributions of Guest Molecule and Hydration Level in Dendrimer-Based Guest-Host Complex. <i>ACS Macro Letters</i> , 2016, 5, 1004-1008.	2.3	4
54	Mechanism of Hierarchical Structure Formation of Polymer/Nanoparticle Hybrids. <i>Macromolecules</i> , 2016, 49, 7535-7550.	2.2	14

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55	Regioregularity effect on the self-assembly behavior of poly(3-hexylthiophene): the significance of triad sequence. <i>RSC Advances</i> , 2016, 6, 79209-79214.	1.7	4
56	Photothermal Agents: Effective Photothermal Killing of Pathogenic Bacteria by Using Spatially Tunable Colloidal Gels with Nano-Localized Heating Sources (<i>Adv. Funct. Mater.</i> 5/2015). <i>Advanced Functional Materials</i> , 2015, 25, 720-720.	7.8	2
57	Effective Photothermal Killing of Pathogenic Bacteria by Using Spatially Tunable Colloidal Gels with Nano-Localized Heating Sources. <i>Advanced Functional Materials</i> , 2015, 25, 721-728.	7.8	132
58	Evolution of Crystal Orientation in One-Dimensionally Confined Space Templated by Lamellae-Forming Block Copolymers. <i>Macromolecules</i> , 2015, 48, 4451-4460.	2.2	20
59	Hierarchical self-assembly of nanoparticles in polymer matrix and the nature of the interparticle interaction. <i>Journal of Chemical Physics</i> , 2015, 142, 214905.	1.2	25
60	Self-assembling bubble carriers for oral protein delivery. <i>Biomaterials</i> , 2015, 64, 115-124.	5.7	26
61	Photothermal tumor ablation in mice with repeated therapy sessions using NIR-absorbing micellar hydrogels formed in situ. <i>Biomaterials</i> , 2015, 56, 26-35.	5.7	93
62	Zooming in: Structural Investigations of Rheologically Characterized Hydrogen-Bonded Low-Methoxyl Pectin Networks. <i>Biomacromolecules</i> , 2015, 16, 3209-3216.	2.6	23
63	Gelation of a Solution of Poly(3-hexylthiophene) Greatly Retards Its Crystallization Rate in the Subsequently Cast Film. <i>Journal of Physical Chemistry B</i> , 2014, 118, 14510-14518.	1.2	12
64	Helical Packing of Nanoparticles Confined in Cylindrical Domains of a Self-Assembled Block Copolymer Structure. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 9090-9093.	7.2	55
65	C_{12} conformer formation in poly(9,9-dioctylfluorene) single chains facilitated by endcapping with an electron deficient moiety. <i>RSC Advances</i> , 2014, 4, 14365-14368.	1.7	2
66	Monodisperse Copper Nanocubes: Synthesis, Self-Assembly, and Large-Area Dense-Packed Films. <i>Chemistry of Materials</i> , 2014, 26, 1785-1793.	3.2	111
67	PEGylation Site-Dependent Structural Heterogeneity Study of MonoPEGylated Human Parathyroid Hormone Fragment hPTH(1-34). <i>Langmuir</i> , 2014, 30, 11421-11427.	1.6	2
68	Crystal structure and molecular packing of an asymmetric giant amphiphile constructed by one C60 and two POSSs. <i>Polymer</i> , 2014, 55, 4514-4520.	1.8	16
69	Self-Organization of a Hydrophilic Short-Chain Ionic Liquid Confined within a Hydrophobic Nanopore. <i>Journal of Physical Chemistry C</i> , 2014, 118, 17764-17772.	1.5	18
70	Structure of the Electrostatic Complex of DNA with Cationic Dendrimer of Intermediate Generation: The Role of Counterion Entropy. <i>Macromolecules</i> , 2014, 47, 3117-3127.	2.2	11
71	Hierarchical Structure and Crystal Orientation in Poly(ethylene oxide)/Clay Nanocomposite Films. <i>Langmuir</i> , 2014, 30, 2886-2895.	1.6	10
72	The Coherent X-ray Scattering Beamline at Taiwan Photon Source. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2014, 70, C1747-C1747.	0.0	0

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73	Conformation and Fluorescence Property of Poly(3-hexylthiophene) Isolated Chains Studied by Single Molecule Spectroscopy: Effects of Solvent Quality and Regioregularity. <i>Macromolecules</i> , 2013, 46, 5657-5663.	2.2	28
74	Relationship between the Microstructure Development and the Photoluminescence Efficiency of Electrospun Poly(9,9-dioctylfluorene-2,7-diyl) Fibers. <i>Journal of Physical Chemistry C</i> , 2013, 117, 20387-20396.	1.5	15
75	Disulfide bond-conjugated dual PEGylated siRNAs for prolonged multiple gene silencing. <i>Biomaterials</i> , 2013, 34, 6930-6937.	5.7	13
76	Interplay between the Phase Transitions at Different Length Scales in the Supramolecular Comb-Coil Block Copolymers Bearing (AB) _n Multiblock Architecture. <i>Macromolecules</i> , 2013, 46, 9333-9340.	2.2	6
77	Real-time visualization of pH-responsive PLGA hollow particles containing a gas-generating agent targeted for acidic organelles for overcoming multi-drug resistance. <i>Biomaterials</i> , 2013, 34, 1-10.	5.7	111
78	A Thermoresponsive Bubble-Generating Liposomal System for Triggering Localized Extracellular Drug Delivery. <i>ACS Nano</i> , 2013, 7, 438-446.	7.3	246
79	Phase Behavior of the Blend of Rod-Coil Diblock Copolymer and the Corresponding Coil Homopolymer. <i>Macromolecules</i> , 2013, 46, 2249-2257.	2.2	7
80	New insights on the crystallization and melting of cyclic PCL chains on the basis of a modified Thomson-Gibbs equation. <i>Polymer</i> , 2013, 54, 846-859.	1.8	82
81	Calcium depletion-mediated protease inhibition and apical-junctional-complex disassembly via an EGTA-conjugated carrier for oral insulin delivery. <i>Journal of Controlled Release</i> , 2013, 169, 296-305.	4.8	61
82	Thermosensitive Hydrogel from Oligopeptide-Containing Amphiphilic Block Copolymer: Effect of Peptide Functional Group on Self-Assembly and Gelation Behavior. <i>Langmuir</i> , 2013, 29, 15981-15991.	1.6	18
83	Hairy polymer nanofibers via self-assembly of block copolymers. <i>Journal of Materials Chemistry</i> , 2012, 22, 25102.	6.7	29
84	Order-Order Transition between Equilibrium Ordered Bicontinuous Nanostructures of Double Diamond and Double Gyroid in Stereoregular Block Copolymer. <i>Macromolecules</i> , 2012, 45, 2471-2477.	2.2	43
85	Crystallization of Isotactic Polypropylene under the Spatial Confinement Templated by Block Copolymer Microdomains. <i>Journal of Physical Chemistry B</i> , 2012, 116, 12357-12371.	1.2	28
86	Interactive Crystallization Kinetics in Double-Crystalline Block Copolymer. <i>Macromolecules</i> , 2012, 45, 5114-5127.	2.2	33
87	Nucleosome-like Structure from Dendrimer-Induced DNA Compaction. <i>Macromolecules</i> , 2012, 45, 5208-5217.	2.2	16
88	Gelation Behavior of Poly(9,9-dioctylfluorene)/Poly[9,9-di(2-ethylhexyl)-fluorenyl-2,7-diyl] Blend in Methylcyclohexane Solutions. <i>Langmuir</i> , 2012, 28, 17457-17464.	1.6	1
89	The Crystallization of Confined Polymers and Block Copolymers Infiltrated Within Alumina Nanotube Templates. <i>Macromolecules</i> , 2012, 45, 1517-1528.	2.2	120
90	Lipid-Containing Polymer Vesicles with pH/Ca ²⁺ -Controlled Manipulated, Size-Selective Permeability. <i>Advanced Functional Materials</i> , 2012, 22, 2267-2275.	7.8	13

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91	Mediating polymer crystal orientation using nanotemplates from block copolymer microdomains and anodic aluminium oxide nanochannels. <i>Soft Matter</i> , 2012, 8, 7306.	1.2	48
92	Structure of a monolithic silica aerogel prepared from a short-chain ionic liquid. <i>Microporous and Mesoporous Materials</i> , 2012, 156, 189-195.	2.2	31
93	Effect of rod-coil interaction on self-assembly behavior of ABC- π -conjugated rod-coil triblock copolymers. <i>Soft Matter</i> , 2011, 7, 10951.	1.2	19
94	Microstructure tuning of mesoporous silica prepared by evaporation-induced self-assembly processes: interactions among solvent evaporation, micelle formation/packing and sol condensation. <i>RSC Advances</i> , 2011, 1, 401.	1.7	14
95	Dendrimer-induced DNA bending. <i>Soft Matter</i> , 2011, 7, 61-63.	1.2	17
96	Lower Critical Ordering Transition of Poly(ethylene oxide)- <i>block</i> -poly(2-vinylpyridine). <i>Macromolecules</i> , 2011, 44, 440-443.	2.2	25
97	Stretch-Induced Crystallization through Single Molecular Force Generating Mechanism. <i>Macromolecules</i> , 2011, 44, 5878-5882.	2.2	26
98	Orthogonal Crystal Orientation in Double-Crystalline Block Copolymer. <i>Macromolecules</i> , 2011, 44, 6875-6884.	2.2	23
99	Critical Analysis of the Crystal Orientation Behavior in Polyethylene-Based Crystalline~Amorphous Diblock Copolymer. <i>Journal of Physical Chemistry B</i> , 2011, 115, 2494-2502.	1.2	24
100	Highly Efficient P3HT: C60 Solar Cell Free of Annealing Process. <i>Macromolecules</i> , 2011, 44, 8886-8891.	2.2	52
101	Manipulation on the Morphology and Electrical Properties of Aligned Electrospun Nanofibers of Poly(3-hexylthiophene) for Field-Effect Transistor Applications. <i>Macromolecules</i> , 2011, 44, 2883-2892.	2.2	106
102	Self-assembled structures in rod-coil block copolymers with hydrogen-bonded amphiphiles. <i>Soft Matter</i> , 2011, 7, 4198.	1.2	23
103	SAXS/DSC Analysis of the Lamellar Thickness Distribution on a SSA Thermally Fractionated Model Polyethylene. <i>Macromolecular Chemistry and Physics</i> , 2011, 212, 2009-2016.	1.1	74
104	Smart Multifunctional Hollow Microspheres for the Quick Release of Drugs in Intracellular Lysosomal Compartments. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 8086-8089.	7.2	148
105	Beads-on-String Structure of the Electrostatic Complex of DNA with a High-Generation PAMAM Dendrimer. <i>Journal of Physics: Conference Series</i> , 2011, 272, 012002.	0.3	3
106	¹ H NMR Spectroscopic Study of the Solution Structure of a Conjugated Polymer. <i>Journal of the Chinese Chemical Society</i> , 2010, 57, 490-495.	0.8	6
107	Enteric-coated capsules filled with freeze-dried chitosan/poly(β -glutamic acid) nanoparticles for oral insulin delivery. <i>Biomaterials</i> , 2010, 31, 3384-3394.	5.7	255
108	Effects of the nanostructure of dendrimer/DNA complexes on their endocytosis and gene expression. <i>Biomaterials</i> , 2010, 31, 5660-5670.	5.7	65

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109	Enhancement of efficiencies of the cellular uptake and gene silencing of chitosan/siRNA complexes via the inclusion of a negatively charged poly(β -glutamic acid). <i>Biomaterials</i> , 2010, 31, 8780-8788.	5.7	67
110	A Dual-Emission Förster Resonance Energy Transfer Nanoprobe for Sensing/Imaging pH Changes in the Biological Environment. <i>ACS Nano</i> , 2010, 4, 7467-7474.	7.3	50
111	Formation and Thermally-Induced Disruption of Nanowhiskers in Poly(3-hexylthiophene)/Xylene Gel Studied by Small-Angle X-ray Scattering. <i>Macromolecules</i> , 2010, 43, 7305-7311.	2.2	51
112	Phase-Separation-Induced Gelation of Poly(9,9-dioctylfluorene)/Methylcyclohexane Solution. <i>Macromolecules</i> , 2010, 43, 4346-4354.	2.2	39
113	Electrostatic Swelling and Conformational Variation Observed in High-Generation Polyelectrolyte Dendrimers. <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 2020-2024.	2.1	64
114	Morphology Evolution of Spin-Coated Films of Poly(thiophene- <i>alt</i> -phenylene- <i>alt</i> -thiophene) and [6,6]-Phenyl-C ₇₁ -butyric Acid Methyl Ester by Solvent Effect. <i>Macromolecules</i> , 2010, 43, 3399-3405.	2.2	57
115	Crystallization in the Binary Blends of Crystalline- <i>alt</i> -Amorphous Diblock Copolymers Bearing Chemically Different Crystalline Block. <i>Macromolecules</i> , 2010, 43, 3376-3382.	2.2	17
116	Solvated poly-(phenylene vinylene) derivatives: conformational structure and aggregation behavior. <i>Journal of Materials Chemistry</i> , 2010, 20, 10475.	6.7	22
117	Effects of incorporation of poly(β -glutamic acid) in chitosan/DNA complex nanoparticles on cellular uptake and transfection efficiency. <i>Biomaterials</i> , 2009, 30, 1797-1808.	5.7	118
118	pH-triggered injectable hydrogels prepared from aqueous N-palmitoyl chitosan: In vitro characteristics and in vivo biocompatibility. <i>Biomaterials</i> , 2009, 30, 4877-4888.	5.7	185
119	The characteristics, biodistribution and bioavailability of a chitosan-based nanoparticulate system for the oral delivery of heparin. <i>Biomaterials</i> , 2009, 30, 6629-6637.	5.7	106
120	Tetragonally Packed Cylinder Structure of Comb- <i>alt</i> -Coil Block Copolymer Bearing Heteroarm Star Architecture. <i>Macromolecules</i> , 2009, 42, 2304-2308.	2.2	14
121	Poly(ethylene oxide) Crystal Orientation Change under 1D Nanoscale Confinement using Polystyrene- <i>block</i> -poly(ethylene oxide) Copolymers: Confined Dimension and Reduced Tethering Density Effects. <i>Macromolecules</i> , 2009, 42, 8343-8352.	2.2	57
122	Nanostructure and Hydrogen Spillover of Bridged Metal-Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2009, 131, 1404-1406.	6.6	103
123	Scattering Study of the Conformational Structure and Aggregation Behavior of a Conjugated Polymer Solution. <i>Langmuir</i> , 2009, 25, 4668-4677.	1.6	51
124	Aggregation of Conjugated Polymers in Aromatic Solvent. <i>Langmuir</i> , 2009, 25, 1667-1674.	1.6	34
125	Stereoregular Diblock Copolymers of Syndiotactic Polypropylene and Polyesters: Syntheses and Self-Assembled Nanostructures. <i>Macromolecules</i> , 2009, 42, 3073-3085.	2.2	26
126	Influence of Macromolecular Architecture on the Crystallization of (PCL ₂)- <i>block</i> -(PS ₂) 4-Miktoarm Star Block Copolymers in Comparison to Linear PCL- <i>block</i> -PS Diblock Copolymer Analogues. <i>Macromolecules</i> , 2009, 42, 8353-8364.	2.2	43

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127	Gelation and Its Effect on the Photophysical Behavior of Poly(9,9-dioctylfluorene-2,7-diyl) in Toluene. <i>Macromolecules</i> , 2009, 42, 1306-1314.	2.2	86
128	Rapidly in situ forming hydrophobically-modified chitosan hydrogels via pH-responsive nanostructure transformation. <i>Soft Matter</i> , 2009, 5, 962.	1.2	31
129	Columnar Mesophases of the Complexes of DNA with Low-Generation Poly(amido amine) Dendrimers. <i>Biomacromolecules</i> , 2009, 10, 773-783.	2.6	29
130	The use of biodegradable polymeric nanoparticles in combination with a low-pressure gene gun for transdermal DNA delivery. <i>Biomaterials</i> , 2008, 29, 742-751.	5.7	96
131	Two-Dimensional Marangoni-Instability-Induced Periodic Patterns of Polymer Blend Films Cast on Tilted Substrates. <i>Macromolecular Chemistry and Physics</i> , 2008, 209, 615-624.	1.1	10
132	Heteroarm Star Polystyrene- <i>b</i> -Poly(4-vinylpyridine): Multiple Morphologies in Dilute Solutions. <i>Macromolecular Chemistry and Physics</i> , 2008, 209, 2349-2358.	1.1	13
133	Crystal Orientation Change and Its Origin in One-Dimensional Nanoconfinement Constructed by Polystyrene- <i>b</i> -poly(ethylene oxide) Single Crystal Mats. <i>Macromolecules</i> , 2008, 41, 8114-8123.	2.2	65
134	Molecular Architecture Effect on the Self-Assembly Behavior of Comb-Coil Block Copolymers Displaying Lamellae-within-Lamellae Morphology. <i>Macromolecules</i> , 2008, 41, 8138-8147.	2.2	27
135	Confined Crystallization and Morphology of Melt Segregated PLLA- <i>b</i> -PE and PLDA- <i>b</i> -PE Diblock Copolymers. <i>Macromolecules</i> , 2008, 41, 6154-6164.	2.2	106
136	Condensed multilamellar structure of a complex of DNA with an amphiphilic block copolymer. <i>Soft Matter</i> , 2008, 4, 1306.	1.2	4
137	Two-Dimensional Densely Packed DNA Nanostructure Derived from DNA Complexation with a Low-Generation Poly(amidoamine) Dendrimer. <i>Langmuir</i> , 2007, 23, 975-978.	1.6	24
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