

# Hsin-Lung Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4106304/publications.pdf>

Version: 2024-02-01

213  
papers

7,530  
citations

44069

48  
h-index

74163

75  
g-index

217  
all docs

217  
docs citations

217  
times ranked

9055  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enteric-coated capsules filled with freeze-dried chitosan/poly( $\beta$ -glutamic acid) nanoparticles for oral insulin delivery. <i>Biomaterials</i> , 2010, 31, 3384-3394.	11.4	255
2	A Thermoresponsive Bubble-Generating Liposomal System for Triggering Localized Extracellular Drug Delivery. <i>ACS Nano</i> , 2013, 7, 438-446.	14.6	246
3	pH-triggered injectable hydrogels prepared from aqueous N-palmitoyl chitosan: In vitro characteristics and in vivo biocompatibility. <i>Biomaterials</i> , 2009, 30, 4877-4888.	11.4	185
4	Microdomain-Tailored Crystallization Kinetics of Block Copolymers. <i>Macromolecules</i> , 2001, 34, 671-674.	4.8	173
5	Crystallization Kinetics in Microphase-Separated Poly(ethylene oxide)-block-poly(1,4-butadiene). <i>Macromolecules</i> , 2001, 34, 6936-6944.	4.8	163
6	Miscibility and Crystallization of Poly(L-lactide)/Poly(ethylene glycol) and Poly(L-lactide)/Poly( $\epsilon$ -caprolactone) Blends. <i>Polymer Journal</i> , 1997, 29, 657-662.	2.7	155
7	Smart Multifunctional Hollow Microspheres for the Quick Release of Drugs in Intracellular Lysosomal Compartments. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 8086-8089.	13.8	148
8	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.	14.9	132
9	Formation of Segregation Morphology in Crystalline/Amorphous Polymer Blends: A Molecular Weight Effect. <i>Macromolecules</i> , 1998, 31, 2255-2264.	4.8	123
10	The Crystallization of Confined Polymers and Block Copolymers Infiltrated Within Alumina Nanotube Templates. <i>Macromolecules</i> , 2012, 45, 1517-1528.	4.8	120
11	Characterization of Pore Structure in Metal-Organic Framework by Small-Angle X-ray Scattering. <i>Journal of the American Chemical Society</i> , 2007, 129, 15997-16004.	13.7	119
12	Effects of incorporation of poly( $\beta$ -glutamic acid) in chitosan/DNA complex nanoparticles on cellular uptake and transfection efficiency. <i>Biomaterials</i> , 2009, 30, 1797-1808.	11.4	118
13	In Situ 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.	13.7	117
14	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.	11.4	111
15	Monodisperse Copper Nanocubes: Synthesis, Self-Assembly, and Large-Area Dense-Packed Films. <i>Chemistry of Materials</i> , 2014, 26, 1785-1793.	6.7	111
16	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.	4.8	106
17	The characteristics, biodistribution and bioavailability of a chitosan-based nanoparticulate system for the oral delivery of heparin. <i>Biomaterials</i> , 2009, 30, 6629-6637.	11.4	106
18	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.	4.8	106

#	ARTICLE	IF	CITATIONS
19	Nanostructure and Hydrogen Spillover of Bridged Metal-Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2009, 131, 1404-1406.	13.7	103
20	Spherulitic Crystallization Behavior of Poly( $\mu$ -caprolactone) with a Wide Range of Molecular Weight. <i>Macromolecules</i> , 1997, 30, 1718-1722.	4.8	102
21	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.	11.4	96
22	Photothermal tumor ablation in mice with repeated therapy sessions using NIR-absorbing micellar hydrogels formed in situ. <i>Biomaterials</i> , 2015, 56, 26-35.	11.4	93
23	Crystallization induced microstructure of polymer blends consisting of two crystalline constituents. <i>Polymer</i> , 2000, 41, 5157-5164.	3.8	88
24	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.	4.8	86
25	New insights on the crystallization and melting of cyclic PCL chains on the basis of a modified Thomson's Gibbs equation. <i>Polymer</i> , 2013, 54, 846-859.	3.8	82
26	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.	2.2	74
27	Composite of polyethylene and kenaf, a natural cellulose fiber. <i>Journal of Applied Polymer Science</i> , 1994, 54, 1781-1783.	2.6	68
28	Enhancement of efficiencies of the cellular uptake and gene silencing of chitosan/siRNA complexes via the inclusion of a negatively charged poly( $\beta$ -glutamic acid). <i>Biomaterials</i> , 2010, 31, 8780-8788.	11.4	67
29	Self-Assembled Mesomorphic Complexes of Branched Poly(ethylenimine) and Dodecylbenzenesulfonic Acid. <i>Macromolecules</i> , 1999, 32, 2967-2973.	4.8	66
30	Crystal Orientation Change and Its Origin in One-Dimensional Nanoconfinement Constructed by Polystyrene- <i>block</i> -poly(ethylene oxide) Single Crystal Mats. <i>Macromolecules</i> , 2008, 41, 8114-8123.	4.8	65
31	Effects of the nanostructure of dendrimer/DNA complexes on their endocytosis and gene expression. <i>Biomaterials</i> , 2010, 31, 5660-5670.	11.4	65
32	Electrostatic Swelling and Conformational Variation Observed in High-Generation Polyelectrolyte Dendrimers. <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 2020-2024.	4.6	64
33	Fractal Aggregates of Conjugated Polymer in Solution State. <i>Langmuir</i> , 2006, 22, 11009-11015.	3.5	63
34	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.	9.9	61
35	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.	4.8	57
36	Morphology Evolution of Spin-Coated Films of Poly(thiophene- <i>2,5</i> -phenylene- <i>2,5</i> -thiophene) and [6,6]-Phenyl-C <sub>71</sub> -butyric Acid Methyl Ester by Solvent Effect. <i>Macromolecules</i> , 2010, 43, 3399-3405.	4.8	57

#	ARTICLE	IF	CITATIONS
37	Phase Structure of Poly(3-hydroxy butyrate)/Poly(vinyl acetate) Blends Probed by Small-Angle X-ray Scattering. <i>Macromolecules</i> , 1999, 32, 4969-4974.	4.8	55
38	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.	13.8	55
39	Miscibility and Crystallization Behavior of Poly(ethylene terephthalate)/Poly(ether imide) Blends. <i>Macromolecules</i> , 1995, 28, 2845-2851.	4.8	54
40	Face-Centered Cubic Lattice of Spherical Micelles in Block Copolymer/Homopolymer Blends. <i>Macromolecules</i> , 2003, 36, 764-770.	4.8	53
41	Molecular Architecture Effect on the Microphase Separations in Supramolecular Comb-Coil Complexes of Polystyrene-block-poly(2-vinylpyridine) with Dodecylbenzenesulfonic Acid: (AB) <sub>n</sub> An Block-Arm Star Copolymer. <i>Macromolecules</i> , 2005, 38, 10117-10126.	4.8	52
42	Highly Efficient P3HT: C60 Solar Cell Free of Annealing Process. <i>Macromolecules</i> , 2011, 44, 8886-8891.	4.8	52
43	Morphological Structure of Crystalline Polymer Blend Involving Hydrogen Bonding: Polycaprolactone/Poly(4-vinylphenol) System. <i>Macromolecules</i> , 1998, 31, 8924-8930.	4.8	51
44	Scattering Study of the Conformational Structure and Aggregation Behavior of a Conjugated Polymer Solution. <i>Langmuir</i> , 2009, 25, 4668-4677.	3.5	51
45	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.	4.8	51
46	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.	14.6	50
47	Melting behavior of poly(ether ether ketone) in its blends with poly(ether imide). <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1993, 31, 1845-1850.	2.1	49
48	Existence of fcc-Packed Spherical Micelles in Diblock Copolymer Melt. <i>Macromolecules</i> , 2007, 40, 406-409.	4.8	49
49	Morphological Structure Induced by Combined Crystallization and Liquid-Liquid Demixing in Poly(ethylene terephthalate)/Poly(ether imide) Blends. <i>Macromolecules</i> , 1998, 31, 6579-6584.	4.8	48
50	Polymer nanocomposite containing CdS-ZnS core-shell particles: Optical properties and morphology. <i>Journal of Applied Physics</i> , 2003, 93, 5789-5793.	2.5	48
51	Segmental Alignment in the Aggregate Domains of Poly(9,9-dioctylfluorene) in Semidilute Solution. <i>Macromolecules</i> , 2007, 40, 6572-6578.	4.8	48
52	Mediating polymer crystal orientation using nanotemplates from block copolymer microdomains and anodic aluminium oxide nanochannels. <i>Soft Matter</i> , 2012, 8, 7306.	2.7	48
53	Mesomorphic Complexes of DNA with the Mixtures of a Cationic Surfactant and a Neutral Lipid. <i>Langmuir</i> , 2005, 21, 9426-9431.	3.5	44
54	Phase and crystallization behavior of solution-blended poly(ether ether ketone) and poly(ether imide). <i>Polymer Engineering and Science</i> , 1992, 32, 1870-1875.	3.1	43

#	ARTICLE	IF	CITATIONS
55	Crystallization-Induced Deformation of Spherical Microdomains in Block Copolymer Blends Consisting of a Soft Amorphous Phase. <i>Macromolecules</i> , 2002, 35, 2417-2422.	4.8	43
56	Influence of Macromolecular Architecture on the Crystallization of (PCL <sub>2</sub> ) <sub>2</sub> - <i>b</i> -(PS <sub>2</sub> ) 4-Miktoarm Star Block Copolymers in Comparison to Linear PCL- <i>b</i> -PS Diblock Copolymer Analogues. <i>Macromolecules</i> , 2009, 42, 8353-8364.	4.8	43
57	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.	4.8	43
58	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 &amp; Interfaces</i> , 2020, 12, 47921-47938.	8.0	43
59	Microstructure of Semicrystalline Poly(l-lactide)/Poly(4-vinylphenol) Blends Evaluated from SAXS Absolute Intensity Measurement. <i>Macromolecules</i> , 2000, 33, 4856-4860.	4.8	41
60	Tetragonally Packed Cylinder Structure via Hierarchical Assembly of Comb-Coil Diblock Copolymer. <i>Macromolecules</i> , 2007, 40, 3271-3276.	4.8	41
61	Phase-Separation-Induced Gelation of Poly(9,9-dioctylfluorene)/Methylcyclohexane Solution. <i>Macromolecules</i> , 2010, 43, 4346-4354.	4.8	39
62	Correlation between crystallization kinetics and microdomain morphology in block copolymer blends exhibiting confined crystallization. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2002, 40, 519-529.	2.1	37
63	Revealing Molecular Level Indicators of Collagen Stability: Minimizing Chrome Usage in Leather Processing. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 7096-7104.	6.7	36
64	Crystallization in the Vesicle Walls Templated by Dry-Brush Block Copolymer/Homopolymer Blend. <i>Macromolecules</i> , 2002, 35, 9434-9440.	4.8	35
65	Crystallization Kinetics and Crystallization-Induced Morphological Formation in the Blends of Poly( $\mu$ -caprolactone)-block-polybutadiene and Polybutadiene Homopolymer. <i>Macromolecules</i> , 2007, 40, 5014-5022.	4.8	34
66	Precursor-Driven Bcc-Order-Order Transition of Sphere-Forming Block Copolymer/Homopolymer Blend. <i>Macromolecules</i> , 2007, 40, 3700-3707.	4.8	34
67	Aggregation of Conjugated Polymers in Aromatic Solvent. <i>Langmuir</i> , 2009, 25, 1667-1674.	3.5	34
68	Low dielectric constant nanoporous poly(methyl silsesquioxane) using poly(styrene-block-2-vinylpyridine) as a template. <i>Polymer</i> , 2004, 45, 5691-5702.	3.8	33
69	Interactive Crystallization Kinetics in Double-Crystalline Block Copolymer. <i>Macromolecules</i> , 2012, 45, 5114-5127.	4.8	33
70	Simultaneous liquid-liquid demixing and crystallization and its effect on the spherulite growth in poly(ethylene terephthalate)/poly(ether imide) blends. <i>Polymer</i> , 1998, 39, 6983-6989.	3.8	32
71	Mesomorphic Complexes of Poly(amidoamine) Dendrimer with DNA. <i>Macromolecules</i> , 2005, 38, 9434-9440.	4.8	32
72	Molecular Architecture Effect on Microphase Separation in Supramolecular Comb-Coil Complexes of Polystyrene-block-poly(2-vinylpyridine) with Dodecylbenzenesulfonic Acid: An Bn Heteroarm Star Copolymer. <i>Macromolecules</i> , 2006, 39, 4460-4468.	4.8	32

#	ARTICLE	IF	CITATIONS
73	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.	14.9	32
74	Multiple melting and crystal annealing of poly(ethylene terephthalate) in its blends with poly(ether) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.8	31
75	Crystallization-Induced Microdomain Coalescence in Sphere-Forming Crystalline~Amorphous Diblock Copolymer Systems:~ Neat Diblock versus the Corresponding Blends. <i>Macromolecules</i> , 2004, 37, 486-493.	4.8	31
76	Self-Assembled Structure of the Binary Complex of DNA with Cationic Lipid. <i>Macromolecules</i> , 2004, 37, 4974-4980.	4.8	31
77	Formation of Parallel Strips in Thin Films of Polystyrene/Poly(vinyl pyrrolidone) Blends via Spin Coating on Unpatterned Substrates. <i>Langmuir</i> , 2006, 22, 8029-8035.	3.5	31
78	Rapidly in situ forming hydrophobically-modified chitosan hydrogels via pH-responsive nanostructure transformation. <i>Soft Matter</i> , 2009, 5, 962.	2.7	31
79	Structure of a monolithic silica aerogel prepared from a short-chain ionic liquid. <i>Microporous and Mesoporous Materials</i> , 2012, 156, 189-195.	4.4	31
80	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.	9.9	31
81	Non-volatile resistive memory devices based on solution-processed natural DNA biomaterial. <i>Organic Electronics</i> , 2018, 54, 216-221.	2.6	31
82	Concurrent Transformation of Copolymer Domain Morphology Induced by the Order~Disorder Transition of Comb Block in Supramolecular Comb~Coil Block Copolymer. <i>Macromolecules</i> , 2004, 37, 8984-8991.	4.8	30
83	Dispersion of fullerenes in phospholipid bilayers and the subsequent phase changes in the host bilayers. <i>Physica B: Condensed Matter</i> , 2005, 357, 193-198.	2.7	30
84	Columnar Mesophases of the Complexes of DNA with Low-Generation Poly(amido amine) Dendrimers. <i>Biomacromolecules</i> , 2009, 10, 773-783.	5.4	29
85	Hairy polymer nanofibers via self-assembly of block copolymers. <i>Journal of Materials Chemistry</i> , 2012, 22, 25102.	6.7	29
86	Effect of supercritical CO <sub>2</sub> on phase structure of PEO/PVAc blends evaluated from SAXS absolute intensity measurement. <i>Polymer</i> , 2002, 43, 3691-3698.	3.8	28
87	Crystallization of Isotactic Polypropylene under the Spatial Confinement Templated by Block Copolymer Microdomains. <i>Journal of Physical Chemistry B</i> , 2012, 116, 12357-12371.	2.6	28
88	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.	4.8	28
89	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.	2.7	28
90	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.	4.8	27

#	ARTICLE	IF	CITATIONS
91	Some comments on the degree of crystallinity defined by the enthalpy of melting. <i>Polymer</i> , 1995, 36, 4355-4357.	3.8	26
92	Stereoregular Diblock Copolymers of Syndiotactic Polypropylene and Polyesters: Syntheses and Self-Assembled Nanostructures. <i>Macromolecules</i> , 2009, 42, 3073-3085.	4.8	26
93	Stretch-Induced Crystallization through Single Molecular Force Generating Mechanism. <i>Macromolecules</i> , 2011, 44, 5878-5882.	4.8	26
94	Self-assembling bubble carriers for oral protein delivery. <i>Biomaterials</i> , 2015, 64, 115-124.	11.4	26
95	Phase behaviour of amorphous and semicrystalline blends of poly(butylene terephthalate) and poly(ether imide). <i>Polymer</i> , 1997, 38, 2747-2752.	3.8	25
96	Self-Assembly in the Bulk Complexes of Poly(ethylene oxide) with Amphiphilic Dodecylbenzenesulfonic Acid. <i>Langmuir</i> , 2002, 18, 5619-5623.	3.5	25
97	Lower Critical Ordering Transition of Poly(ethylene oxide)- <i>block</i> -poly(2-vinylpyridine). <i>Macromolecules</i> , 2011, 44, 440-443.	4.8	25
98	Hierarchical self-assembly of nanoparticles in polymer matrix and the nature of the interparticle interaction. <i>Journal of Chemical Physics</i> , 2015, 142, 214905.	3.0	25
99	Analysis of two-stage crystallization kinetics for poly(ethylene terephthalate)/ poly(ether imide) blends. <i>Polymer</i> , 1997, 38, 4097-4101.	3.8	24
100	Self-Assembly and Crystallization in a Supramolecular Hairy Rod Polymer from the Complex of Polyaniline with 10-Methoxy Poly(ethylene oxide) Phosphates. <i>Macromolecules</i> , 2004, 37, 9561-9570.	4.8	24
101	Two-Dimensional Densely Packed DNA Nanostructure Derived from DNA Complexation with a Low-Generation Poly(amidoamine) Dendrimer. <i>Langmuir</i> , 2007, 23, 975-978.	3.5	24
102	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.	2.6	24
103	An Intestinal "Transformers"-like Nanocarrier System for Enhancing the Oral Bioavailability of Poorly Water-Soluble Drugs. <i>ACS Nano</i> , 2018, 12, 6389-6397.	14.6	24
104	Polymerization of acrylic bone cement investigated by differential scanning calorimetry: Effects of heating rate and TCP content. <i>Polymer Engineering and Science</i> , 1997, 37, 1182-1187.	3.1	23
105	Orthogonal Crystal Orientation in Double-Crystalline Block Copolymer. <i>Macromolecules</i> , 2011, 44, 6875-6884.	4.8	23
106	Self-assembled structures in rod-coil block copolymers with hydrogen-bonded amphiphiles. <i>Soft Matter</i> , 2011, 7, 4198.	2.7	23
107	Zooming in: Structural Investigations of Rheologically Characterized Hydrogen-Bonded Low-Methoxyl Pectin Networks. <i>Biomacromolecules</i> , 2015, 16, 3209-3216.	5.4	23
108	Solvated poly-(phenylene vinylene) derivatives: conformational structure and aggregation behavior. <i>Journal of Materials Chemistry</i> , 2010, 20, 10475.	6.7	22

#	ARTICLE	IF	CITATIONS
109	Calorimetric characterization of the formation of acrylic type bone cements. , 1996, 33, 83-88.		21
110	Bulk Crystallization Behavior of Poly( $\mu$ -caprolactone) with a Wide Range of Molecular Weight. Polymer Journal, 1997, 29, 889-893.	2.7	20
111	A new binary system exhibiting simultaneous crystallization and spinodal decomposition: poly(ethylene-2,6-naphthalenedicarboxylate)/poly(ether imide) blend. Polymer, 1998, 39, 6067-6072.	3.8	20
112	Evolution of Crystal Orientation in One-Dimensionally Confined Space Templated by Lamellae-Forming Block Copolymers. Macromolecules, 2015, 48, 4451-4460.	4.8	20
113	Variable Crystal Orientation of Poly(ethylene oxide) Confined within the Tubular Space Templated by Anodic Aluminum Oxide Nanochannels. Macromolecules, 2017, 50, 631-641.	4.8	20
114	Crystallization behavior of crystalline/crystalline polymer blends under confinement in electrospun nanofibers of polystyrene/poly(ethylene oxide)/poly( $\mu$ -caprolactone) ternary mixtures. Soft Matter, 2017, 13, 1569-1582.	2.7	20
115	Stabilizing the Ordered Bicontinuous Double Diamond Structure of Diblock Copolymer by Configurational Regularity. Macromolecules, 2018, 51, 4049-4058.	4.8	20
116	Crystal orientation of PEO confined within the nanorod templated by AAO nanochannels. Soft Matter, 2018, 14, 5461-5468.	2.7	20
117	Hexagonal Close-Packed Sphere Phase of Conformationally Symmetric Block Copolymer. Macromolecules, 2020, 53, 9665-9675.	4.8	20
118	Effect of rod-rod interaction on self-assembly behavior of ABC $\pi$ -conjugated rod-coil triblock copolymers. Soft Matter, 2011, 7, 10951.	2.7	19
119	FCC or HCP: The stable close-packed lattice of crystallographically equivalent spherical micelles in block copolymer/homopolymer blend. Polymer, 2019, 169, 131-137.	3.8	19
120	Biomimetic Engineering of a Scavenger-Free Nitric Oxide-Generating/Delivering System to Enhance Radiation Therapy. Small, 2020, 16, e2000655.	10.0	19
121	Coalescence of Crystalline Microdomains Driven by Postannealing in a Block Copolymer Blend. Macromolecules, 2003, 36, 282-285.	4.8	18
122	Thermally-Induced Order-Order Transition of DNA-Cationic Surfactant Complexes. Langmuir, 2006, 22, 7521-7527.	3.5	18
123	Highly Oriented Nanowires from the Hierarchical Self-Assembly in Supramolecular Complex of Polyaniline with $\pi$ -Methoxypoly(ethylene oxide) Phosphates. Macromolecules, 2007, 40, 395-398.	4.8	18
124	Thermosensitive Hydrogel from Oligopeptide-Containing Amphiphilic Block Copolymer: Effect of Peptide Functional Group on Self-Assembly and Gelation Behavior. Langmuir, 2013, 29, 15981-15991.	3.5	18
125	Self-Organization of a Hydrophilic Short-Chain Ionic Liquid Confined within a Hydrophobic Nanopore. Journal of Physical Chemistry C, 2014, 118, 17764-17772.	3.1	18
126	Crystallization in the Binary Blends of Crystalline-Amorphous Diblock Copolymers Bearing Chemically Different Crystalline Block. Macromolecules, 2010, 43, 3376-3382.	4.8	17



#	ARTICLE	IF	CITATIONS
127	Dendrimer-induced DNA bending. <i>Soft Matter</i> , 2011, 7, 61-63.	2.7	17
128	Nucleosome-like Structure from Dendrimer-Induced DNA Compaction. <i>Macromolecules</i> , 2012, 45, 5208-5217.	4.8	16
129	Crystal structure and molecular packing of an asymmetric giant amphiphile constructed by one C60 and two POSSs. <i>Polymer</i> , 2014, 55, 4514-4520.	3.8	16
130	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.	3.1	15
131	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.	3.6	15
132	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.	7.5	15
133	Correlation between crystallization kinetics and melt phase behavior of crystalline/amorphous block copolymer/homopolymer blends. <i>Polymer</i> , 2005, 46, 11837-11843.	3.8	14
134	Tetragonally Packed Cylinder Structure of Comb-Coil Block Copolymer Bearing Heteroarm Star Architecture. <i>Macromolecules</i> , 2009, 42, 2304-2308.	4.8	14
135	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.	3.6	14
136	Mechanism of Hierarchical Structure Formation of Polymer/Nanoparticle Hybrids. <i>Macromolecules</i> , 2016, 49, 7535-7550.	4.8	14
137	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.	2.8	14
138	Heteroarm Star Polystyrene-block-Poly(4-vinylpyridine): Multiple Morphologies in Dilute Solutions. <i>Macromolecular Chemistry and Physics</i> , 2008, 209, 2349-2358.	2.2	13
139	Lipid-Containing Polymer Vesicles with pH/Ca <sup>2+</sup> -Manipulated, Size-Selective Permeability. <i>Advanced Functional Materials</i> , 2012, 22, 2267-2275.	14.9	13
140	Disulfide bond-conjugated dual PEGylated siRNAs for prolonged multiple gene silencing. <i>Biomaterials</i> , 2013, 34, 6930-6937.	11.4	13
141	Polysaccharide conformations measured by solution state X-ray scattering. <i>Chemical Physics Letters</i> , 2020, 739, 136951.	2.6	13
142	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.	7.3	13
143	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, .	7.3	13
144	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.	2.6	12

#	ARTICLE	IF	CITATIONS
145	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.	4.1	12
146	A Mesomorphic Blend Based on the Solid-State Complexes of Polymers with Surfactants. <i>Macromolecules</i> , 2000, 33, 221-224.	4.8	11
147	DNA-Induced Aggregation of Zwitterionic Oligolamellar Liposome. <i>Biomacromolecules</i> , 2004, 5, 2324-2328.	5.4	11
148	Synthesis and spectral characterizations of electroluminescent poly(2,3-di-[p-(2-ethylhexoxy)phenyl]-1,4-phenylenevinylene). <i>Synthetic Metals</i> , 2007, 157, 407-413.	3.9	11
149	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.	4.8	11
150	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.	4.8	11
151	Cocrystallization Behavior in Binary Blend of Crystalline-Amorphous Diblock Copolymers. <i>Macromolecules</i> , 2004, 37, 8175-8179.	4.8	10
152	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.	2.2	10
153	Hierarchical Structure and Crystal Orientation in Poly(ethylene oxide)/Clay Nanocomposite Films. <i>Langmuir</i> , 2014, 30, 2886-2895.	3.5	10
154	Elucidating the DNA-Histone Interaction in Nucleosome from the DNA-Dendrimer Complex. <i>Macromolecules</i> , 2016, 49, 4277-4285.	4.8	10
155	Highly Stretchable Free-Standing Poly(acrylic acid)- <i>block</i> -poly(vinyl alcohol) Films Obtained from Cobalt-Mediated Radical Polymerization. <i>Macromolecules</i> , 2017, 50, 6054-6063.	4.8	10
156	The effect of linker DNA on the structure and interaction of nucleosome core particles. <i>Soft Matter</i> , 2018, 14, 9096-9106.	2.7	10
157	Emergence of a Metastable Laves C14 Phase of Block Copolymer Micelle Bearing a Glassy Core. <i>Macromolecules</i> , 2021, 54, 9195-9203.	4.8	10
158	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.	7.5	10
159	Additive modification of the polymerization and properties of an acrylic bone cement. <i>Polymer Engineering and Science</i> , 1998, 38, 530-533.	3.1	9
160	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.	10.3	9
161	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.	1.6	9
162	Supramolecular structure of the solid-state complexes of polyacrylamide and dodecylbenzenesulfonic acid. <i>Journal of Polymer Research</i> , 1999, 6, 231-236.	2.4	8

#	ARTICLE	IF	CITATIONS
163	Diluent Segregation in Crystalline/Amorphous Poly(vinylidene fluoride)/Poly(vinyl acetate) Blends. Segregation Distance Dominated by the Crystal Growth Kinetics. <i>Polymer Journal</i> , 2002, 34, 356-362.	2.7	8
164	Titania Nano-network Film Templated from Microphase-separated Block Copolymer and its Photocatalysis in Fractured Form. <i>Journal of Materials Research</i> , 2005, 20, 1523-1528.	2.6	8
165	Crystallization of Polymers in Confined Space. , 2018, , 367-431.		8
166	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.	4.0	8
167	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.	4.0	8
168	Thermodynamically Originated Stacking Fault in the Close-Packed Structure of Block Copolymer Micelles. <i>Macromolecules</i> , 2021, 54, 8936-8945.	4.8	8
169	Observation of two-stage crystallization of poly(ether ether ketone) by thermal mechanical analysis. <i>Polymer</i> , 1993, 34, 4576-4578.	3.8	7
170	Intermolecular interaction and conformation in poly(ether ether ketone)/poly(ether imide) blends ? An infrared spectroscopic investigation. <i>Journal of Polymer Research</i> , 1996, 3, 151-158.	2.4	7
171	Phase Behavior of the Blend of Rod-Coil Diblock Copolymer and the Corresponding Coil Homopolymer. <i>Macromolecules</i> , 2013, 46, 2249-2257.	4.8	7
172	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.	3.9	7
173	Compatibility and Crystallization Studies on Poly(phenyl acetylene)/Polycaprolactone Blend. <i>Polymer Journal</i> , 1998, 30, 874-878.	2.7	6
174	Spherulitic growth kinetics in miscible blends of poly(ether ether ketone) and poly(ether imide). <i>Journal of Polymer Research</i> , 1999, 6, 21-26.	2.4	6
175	Nonisothermal Crystallization of Compatible PCL/PVC Blends under Supercritical CO <sub>2</sub> . <i>Polymer Journal</i> , 2005, 37, 932-938.	2.7	6
176	<sup>1</sup> H NMR Spectroscopic Study of the Solution Structure of a Conjugated Polymer. <i>Journal of the Chinese Chemical Society</i> , 2010, 57, 490-495.	1.4	6
177	Interplay between the Phase Transitions at Different Length Scales in the Supramolecular Comb-Coil Block Copolymers Bearing (AB) <sub>n</sub> Multiblock Architecture. <i>Macromolecules</i> , 2013, 46, 9333-9340.	4.8	6
178	Conformational Preferences and the Phase Stability of Fullerene Hexa-adducts. <i>Chemistry - an Asian Journal</i> , 2016, 11, 2011-2015.	3.3	6
179	Undulating the Lamellar Interface of Polymer-Surfactant Complex by Dendrimer. <i>Macromolecules</i> , 2017, 50, 6501-6508.	4.8	6
180	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.	4.5	6

#	ARTICLE	IF	CITATIONS
181	Uniaxial Draw of Poly(ether ether ketone)/Poly(ether imide) Blends by Solid-State Coextrusion. <i>Macromolecules</i> , 1995, 28, 3918-3924.	4.8	5
182	Hierarchical Structure and Dynamics of a Polymer/Nanoparticle Hybrid Displaying Attractive Polymer-Particle Interaction. <i>Macromolecules</i> , 2019, 52, 8741-8750.	4.8	5
183	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.	4.5	5
184	DNA Condensation Induced by Nanoparticle-Embedded Dendrimer Leading to Pearl-Chain Nanowires. <i>Biomacromolecules</i> , 2005, 6, 3481-3485.	5.4	4
185	Effect of molecular architecture of copolymer template on the morphology of mesoporous methylsilsesquioxane. <i>Polymer</i> , 2007, 48, 3546-3554.	3.8	4
186	Condensed multilamellar structure of a complex of DNA with an amphiphilic block copolymer. <i>Soft Matter</i> , 2008, 4, 1306.	2.7	4
187	Spatial Distributions of Guest Molecule and Hydration Level in Dendrimer-Based Guest-Host Complex. <i>ACS Macro Letters</i> , 2016, 5, 1004-1008.	4.8	4
188	Regioregularity effect on the self-assembly behavior of poly(3-hexylthiophene): the significance of triad sequence. <i>RSC Advances</i> , 2016, 6, 79209-79214.	3.6	4
189	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.	1.0	4
190	Observation of two-stage crystallization of poly(ether ether ketone) by thermal mechanical analysis. <i>Thermochimica Acta</i> , 1994, 243, 109-113.	2.7	3
191	Miscible Blends of Polystyrene and Poly( $\mu$ -caprolactone) with Phenylacetylene-Carbon Monoxide Alternating Copolymer. <i>Polymer Journal</i> , 1996, 28, 976-979.	2.7	3
192	Solid-state complexes of poly(N-vinyl-pyrrolidone) and dodecyl benzene sulfonic acid: Self-assembled structure and thermal properties. <i>Journal of Polymer Research</i> , 1998, 5, 199-204.	2.4	3
193	A Two-State Model for the Multilamellar Structure of a DNA/Cationic Lipid Complex in the Bulk. <i>Langmuir</i> , 2004, 20, 9432-9436.	3.5	3
194	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.	0.4	3
195	Ribbon Phase of Dendrimer-Surfactant Complexes. <i>Macromolecules</i> , 2019, 52, 9177-9185.	4.8	3
196	Dendrimer-mediated columnar mesophase of surfactants. <i>Soft Matter</i> , 2021, 17, 397-409.	2.7	3
197	Small angle scattering of diblock copolymers profiled by machine learning. <i>Journal of Chemical Physics</i> , 2022, 156, 131101.	3.0	3
198	C <sub>2</sub> 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.	3.6	2

#	ARTICLE	IF	CITATIONS
199	PEGylation Site-Dependent Structural Heterogeneity Study of MonoPEGylated Human Parathyroid Hormone Fragment hPTH(1-34). <i>Langmuir</i> , 2014, 30, 11421-11427.	3.5	2
200	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.	14.9	2
201	Orientation Preferences of Interchain Stackings for Poly(3-hexylthiophene) Nanowires Prepared Using Template-Based Wetting Methods. <i>Macromolecular Chemistry and Physics</i> , 2018, 219, 1800078.	2.2	2
202	Kinetics and Mechanism of In Situ Metallization of Bulk DNA Films. <i>Nanoscale Research Letters</i> , 2022, 17, 18.	5.7	2
203	Microstructural Characterization of Polyanhydride Blends for Controlled Drug Delivery. <i>Materials Research Society Symposia Proceedings</i> , 2000, 662, 1.	0.1	1
204	A Spromolecular Star-Like Polymer. <i>Journal of Polymer Research</i> , 2002, 9, 221-226.	2.4	1
205	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.	3.5	1
206	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.	2.6	1
207	Superhelical DNA liquid crystals from dendrimer-induced DNA compaction. <i>Soft Matter</i> , 2021, 17, 7287-7293.	2.7	1
208	Structure of DNA-PAMAM dendrimer complexes studied using small-angle scattering techniques. <i>Current Medicinal Chemistry</i> , 2020, 27, 7529-7543.	2.4	1
209	Confined crystallization in the binary blends of diblock copolymers bearing stereoisomeric isotactic and syndiotactic polypropylene. <i>Polymer Crystallization</i> , 2021, 4, e10213.	0.8	1
210	Simple methods for assessing the conformational sensitivity of infrared bands by dichroism. <i>Macromolecular Rapid Communications</i> , 1997, 18, 903-909.	3.9	0
211	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.	2.2	0
212	Radiation Therapy: Biomimetic Engineering of a Scavenger-Free Nitric Oxide-Generating/Delivering System to Enhance Radiation Therapy ( <i>Small</i> 23/2020). <i>Small</i> , 2020, 16, 2070126.	10.0	0
213	The Coherent X-ray Scattering Beamline at Taiwan Photon Source. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2014, 70, C1747-C1747.	0.1	0