

Feng-Chih Chang

List of Publications by Year in descending order

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310
papers

14,427
citations

18887

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all docs

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docs citations

310
times ranked

11969
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly efficient drug delivery systems based on functional supramolecular polymers: In vitro evaluation. <i>Acta Biomaterialia</i> , 2016, 33, 194-202.	4.1	45
2	Functionalized graphene nanomaterials: new insight into direct exfoliation of graphite with supramolecular polymers. <i>Nanoscale</i> , 2016, 8, 723-728.	2.8	29
3	High-efficiency self-healing materials based on supramolecular polymer networks. <i>RSC Advances</i> , 2015, 5, 101148-101154.	1.7	28
4	Supramolecular assembly-induced enhanced emission of electrospun nanofibers. <i>Chemical Communications</i> , 2015, 51, 672-675.	2.2	8
5	A solvent-resistant azide-based hole injection/transporting conjugated polymer for fluorescent and phosphorescent light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2015, 3, 8142-8151.	2.7	29
6	A cross-linkable triphenylamine derivative as a hole injection/transporting material in organic light-emitting diodes. <i>Polymer Chemistry</i> , 2015, 6, 6227-6237.	1.9	31
7	Photo-Crosslinking of Pendent Uracil Units Provides Supramolecular Hole Injection/Transport Conducting Polymers for Highly Efficient Light-Emitting Diodes. <i>Polymers</i> , 2015, 7, 804-818.	2.0	30
8	Bio-complementary supramolecular polymers with effective self-healing functionality. <i>RSC Advances</i> , 2015, 5, 90466-90472.	1.7	27
9	Supramolecular polymeric micelles as high performance electrochemical materials. <i>Journal of Materials Chemistry C</i> , 2015, 3, 9528-9533.	2.7	10
10	Supramolecular Assembly Mediates the Formation of Single-Chain Polymeric Nanoparticles. <i>ACS Macro Letters</i> , 2015, 4, 1184-1188.	2.3	41
11	Large-scale production of ureido-cytosine based supramolecular polymers with well-controlled hierarchical nanostructures. <i>RSC Advances</i> , 2015, 5, 76451-76457.	1.7	27
12	Polystyrene foams with inter-connected carbon particulate network. <i>Journal of Cellular Plastics</i> , 2014, 50, 437-448.	1.2	8
13	Two-Dimensional Periodic Relief Gratings as a Versatile Platform for Label-Free Specific DNA Detection. <i>Advanced Materials Interfaces</i> , 2014, 1, 1300074.	1.9	7
14	Enhanced processability of MWCNT through surface treatment by octa(phenol) polyhedral oligomeric silsesquioxane nano-crosslinking. <i>Journal of Molecular Structure</i> , 2014, 1056-1057, 299-306.	1.8	7
15	Label-free DNA detection using two-dimensional periodic relief grating as a visualized platform for diagnosis of breast cancer recurrence after surgery. <i>Biosensors and Bioelectronics</i> , 2014, 54, 35-41.	5.3	29
16	Improved anode materials for lithium-ion batteries comprise non-covalently bonded graphene and silicon nanoparticles. <i>Journal of Power Sources</i> , 2014, 247, 991-998.	4.0	68
17	Nucleobase-grafted supramolecular polymers for tuning the surface properties. <i>Polymer Chemistry</i> , 2014, 5, 702-705.	1.9	4
18	Metal-ions directed self-assembly of hybrid diblock copolymers. <i>Journal of Materials Research</i> , 2014, 29, 2694-2706.	1.2	3

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19	Synthesis and self-assembly of water-soluble polythiophene-graft-poly(ethylene oxide) copolymers. RSC Advances, 2014, 4, 21830-21839.	1.7	17
20	Nucleobase-grafted polycaprolactones as reversible networks in a novel biocompatible material. RSC Advances, 2013, 3, 12598.	1.7	18
21	Sulfonated graphene oxide/Nafion composite membranes for high-performance direct methanol fuel cells. International Journal of Hydrogen Energy, 2013, 38, 13792-13801.	3.8	223
22	Bioinspired assembly of functional block-copolymer nanotemplates. Soft Matter, 2013, 9, 9608.	1.2	9
23	Alkali doped polyvinyl alcohol/graphene electrolyte for direct methanol alkaline fuel cells. Journal of Power Sources, 2013, 239, 424-432.	4.0	139
24	Low-surface-free-energy polybenzoxazine/polyacrylonitrile fibers for biononfouling membrane. Polymer, 2013, 54, 258-268.	1.8	43
25	Supramolecular structures of uracil-functionalized PEG with multi-diamidopyridine POSS through complementary hydrogen bonding interactions. Soft Matter, 2013, 9, 5196.	1.2	27
26	Organic solar cells featuring nanobowl structures. Energy and Environmental Science, 2013, 6, 1192.	15.6	26
27	Effect of oxygen plasma on the surface states of ZnO films used to produce thin-film transistors on soft plastic sheets. Journal of Materials Chemistry C, 2013, 1, 6613.	2.7	65
28	Supramolecular Functionalities Influence the Thermal Properties, Interactions and Conductivity Behavior of Poly(ethylene glycol)/LiAsF ₆ Blends. Polymers, 2013, 5, 937-953.	2.0	7
29	Polarity-indicative two-dimensional periodic relief gratings of tethered poly(methyl methacrylate) on silicon surfaces for visualization in volatile organic compound sensing. Applied Physics Letters, 2013, 102, .	1.5	19
30	Liquid Lenses and Driving Mechanisms: A Review. Journal of Adhesion Science and Technology, 2012, 26, 1773-1788.	1.4	67
31	Electrorheological Operation of Low-/High-Permittivity Core/Shell SiO ₂ /Au Nanoparticle Microspheres for Display Media. ACS Applied Materials & Interfaces, 2012, 4, 5650-5661.	4.0	36
32	A new supramolecular film formed from a silsesquioxane derivative for application in proton exchange membranes. Journal of Materials Chemistry, 2012, 22, 731-734.	6.7	23
33	Block-copolymer-like supramolecules confined in nanolamellae. Soft Matter, 2012, 8, 3747.	1.2	12
34	Pepsin-inspired polyurethanes containing a tyrosine-“fumaric acid”-tyrosine segment. Polymer Chemistry, 2012, 3, 498-503.	1.9	7
35	Dual-color electrochromic films incorporating a periodic polymer nanostructure. RSC Advances, 2012, 2, 4746.	1.7	13
36	Bioinspired hole-conducting polymers for application in organic light-emitting diodes. Journal of Materials Chemistry, 2012, 22, 18127.	6.7	31

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37	New self-assembled supramolecular polymers formed by self-complementary sextuple hydrogen bond motifs. RSC Advances, 2012, 2, 9952.	1.7	16
38	Star Poly(N-isopropylacrylamide) Tethered to Polyhedral Oligomeric Silsesquioxane (POSS) Nanoparticles by a Combination of ATRP and Click Chemistry. Journal of Nanomaterials, 2012, 2012, 1-10.	1.5	12
39	Bioinspired Photo-Cross-Linked Nanofibers from Uracil-Functionalized Polymers. ACS Macro Letters, 2012, 1, 159-162.	2.3	22
40	Versatile Grafting Approaches to Functionalizing Individually Dispersed Graphene Nanosheets Using RAFT Polymerization and Click Chemistry. Chemistry of Materials, 2012, 24, 2987-2997.	3.2	139
41	A new supramolecular POSS electroluminescent material. Journal of Materials Chemistry, 2012, 22, 9285.	6.7	31
42	Molecular recognition within a poly(amide urethane) system. Polymer, 2012, 53, 3951-3957.	1.8	0
43	Highly hydrated Nafion/activated carbon hybrids. Polymer, 2012, 53, 4927-4930.	1.8	11
44	Synthesis and applications of novel low bandgap star-burst molecules containing a triphenylamine core and dialkylated diketopyrrolopyrrole arms for organic photovoltaics. Journal of Materials Chemistry, 2012, 22, 7945.	6.7	86
45	Supramolecular ionic strength-modulating microstructures and properties of nacre-like biomimetic nanocomposites containing high loading clay. RSC Advances, 2012, 2, 6295.	1.7	21
46	Using colloid lithography to fabricate silicon nanopillar arrays on silicon substrates. Journal of Colloid and Interface Science, 2012, 367, 40-48.	5.0	25
47	Surface modification of poly(2-methoxy-5-(2-ethyl-hexyloxy)-1,4-phenylene vinylene) (MEH-PPV) by confined photo-catalytic oxidation. Journal of Colloid and Interface Science, 2012, 368, 663-666.	5.0	3
48	Synthesis and characterization of sulfonated polytriazole-clay proton exchange membrane by in situ polymerization and click reaction for direct methanol fuel cells. Journal of Power Sources, 2012, 208, 144-152.	4.0	43
49	Hierarchical structures formed from self-complementary sextuple hydrogen-bonding arrays. RSC Advances, 2011, 1, 1190.	1.7	15
50	Fabrication of vesicle-like dual-responsive click capsules by direct covalent layer-by-layer assembly. Soft Matter, 2011, 7, 10850.	1.2	11
51	Versatile grafting approaches to star-shaped POSS-containing hybrid polymers using RAFT polymerization and click chemistry. Chemical Communications, 2011, 47, 10656.	2.2	48
52	On Modulating the Self-Assembly Behaviors of Poly(styrene- <i>b</i> -4-vinylpyridine)/Octyl Gallate Blends in Solution State via Hydrogen Bonding from Different Common Solvents. Langmuir, 2011, 27, 10197-10205.	1.6	26
53	Polyhedral Oligomeric Silsesquioxane-Encapsulating Amorphous Palladium Nanoclusters as Catalysts for Heck Reactions. ACS Catalysis, 2011, 1, 481-488.	5.5	58
54	Surface Properties of Polybenzoxazines. , 2011, , 579-593.		12

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55	A new benzoxazine containing uracil, complementary functionality. <i>Polymer Chemistry</i> , 2011, 2, 1648.	1.9	20
56	A new graphene-modified protic ionic liquid-based composite membrane for solid polymer electrolytes. <i>Journal of Materials Chemistry</i> , 2011, 21, 10448.	6.7	88
57	POSS related polymer nanocomposites. <i>Progress in Polymer Science</i> , 2011, 36, 1649-1696.	11.8	908
58	Synthesis of poly(4-vinylphenol) (PVPh) and polyhedral oligomeric silsesquioxanes-poly(4-vinylphenol) (POSS-PVPh) with low surface energy and their surface properties. <i>Materials Chemistry and Physics</i> , 2011, 131, 343-347.	2.0	4
59	Photo-polymerization of photocurable resins containing polyhedral oligomeric silsesquioxane methacrylate. <i>Materials Chemistry and Physics</i> , 2011, 131, 393-399.	2.0	20
60	Synthesis and characterization of a novel siloxane-imide-containing polybenzoxazine. <i>Polymer International</i> , 2011, 60, 436-442.	1.6	20
61	Synthesis and performance enhancement of novel polybenzoxazines with low surface free energy. <i>Polymer International</i> , 2011, 60, 1089-1096.	1.6	46
62	Effect of morphology of mesoporous silica on characterization of protic ionic liquid-based composite membranes. <i>Journal of Power Sources</i> , 2011, 196, 5408-5415.	4.0	38
63	Self-assembly behavior and photoluminescence property of bispyrenyl-POSS nanoparticle hybrid. <i>Journal of Colloid and Interface Science</i> , 2011, 358, 93-101.	5.0	13
64	Substituent-induced delocalization effects on hydrogen-bonding interaction in poly(N-phenyl) Tj ETQq0 0 0 rgBT /Overlock 1Q Tf 50 382	1.8	7
65	Diagnosis of breast cancer recurrence using a microfluidic device featuring tethered cationic polymers. <i>Applied Physics Letters</i> , 2011, 99, .	1.5	19
66	Thermal properties and liquid crystallinity of side-chain azobenzene copolymer containing pendant polyhedral oligomeric silsesquioxanes. <i>Journal of Thermal Analysis and Calorimetry</i> , 2010, 102, 739-744.	2.0	24
67	Star Block Copolymers Through Nitroxide-Mediated Radical Polymerization From Polyhedral Oligomeric Silsesquioxane (POSS) Core. <i>Macromolecular Chemistry and Physics</i> , 2010, 211, 1339-1347.	1.1	52
68	Preparation and characterization of high-durability zwitterionic crosslinked proton exchange membranes. <i>Journal of Membrane Science</i> , 2010, 362, 29-37.	4.1	44
69	Polytriazole/clay nanocomposites synthesized using in situ polymerization and click chemistry. <i>Polymer</i> , 2010, 51, 430-436.	1.8	37
70	The effect of sulfonic acid groups within a polyhedral oligomeric silsesquioxane containing cross-linked proton exchange membrane. <i>Polymer</i> , 2010, 51, 84-91.	1.8	55
71	Glass transition temperature enhancement of PMMA through copolymerization with PMAAM and PTCM mediated by hydrogen bonding. <i>Polymer</i> , 2010, 51, 883-889.	1.8	55
72	Self-assembly of an A-B diblock copolymer blended with a C homopolymer and a C-D diblock copolymer through hydrogen bonding interaction. <i>Polymer</i> , 2010, 51, 4176-4184.	1.8	35

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73	Immobilization of layered double hydroxides in the fluidic system for nanoextraction of specific DNA molecules. , 2010, , .		0
74	Resonance Effect on Self- and Inter-Association Hydrogen Bonding Interaction of Polymer Blend. Journal of Physical Chemistry B, 2010, 114, 1603-1613.	1.2	12
75	A New Poly(amide urethane) Solid State Electrolyte Containing Supramolecular Structure. Macromolecules, 2010, 43, 2634-2637.	2.2	11
76	On Modulating the Phase Behavior of Block Copolymer/Homopolymer Blends via Hydrogen Bonding. Macromolecules, 2010, 43, 1083-1092.	2.2	91
77	Hydrogen Bond-Mediated Self-Assembly of Polyhedral Oligomeric Silsesquioxane-Based Supramolecules. Journal of Physical Chemistry C, 2010, 114, 12855-12862.	1.5	36
78	Synthesis and Assembly Behavior of Heteronucleobase-Functionalized Poly(μ -caprolactone). Macromolecules, 2010, 43, 1245-1252.	2.2	84
79	A new supramolecular sulfonated polyimide for use in proton exchange membranes for fuel cells. Chemical Communications, 2010, 46, 7554.	2.2	38
80	Non-fluorinated superamphiphobic surfaces through sol-gel processing of methyltriethoxysilane and tetraethoxysilane. Materials Chemistry and Physics, 2009, 114, 63-68.	2.0	48
81	Synthesis of Photoisomerizable Block Copolymers by Atom Transfer Radical Polymerization. Macromolecular Chemistry and Physics, 2009, 210, 1484-1492.	1.1	10
82	The Self-Assembled Structure of the Diblock Copolymer PCL- <i>b</i> -P4VP Transforms Upon Competitive Interactions with Octaphenol Polyhedral Oligomeric Silsesquioxane. Macromolecular Rapid Communications, 2009, 30, 2121-2127.	2.0	32
83	Removal of Hg ²⁺ from aqueous solution using a novel composite carbon adsorbent. Journal of Applied Polymer Science, 2009, 112, 2445-2454.	1.3	15
84	Preparation of the stimuli-responsive ZnS/PNIPAM hollow spheres. Polymer, 2009, 50, 1246-1250.	1.8	17
85	Biocomplementary interaction behavior in DNA-like and RNA-like polymers. Journal of Polymer Science Part A, 2009, 47, 6388-6395.	2.5	36
86	Surface modification of gold nanoparticles with polyhedral oligomeric silsesquioxane and incorporation within polymer matrices. Journal of Polymer Science, Part B: Polymer Physics, 2009, 47, 811-819.	2.4	26
87	Preparation and characterization of epoxy/polyhedral oligomeric silsesquioxane hybrid nanocomposites. Journal of Polymer Science, Part B: Polymer Physics, 2009, 47, 1927-1934.	2.4	26
88	Hydrogen bond mediated supramolecular micellization of diblock copolymer mixture in common solvents. European Polymer Journal, 2009, 45, 1924-1935.	2.6	30
89	Supramolecular self-assembly through inclusion complex formation between poly(ethylene terephthalate) and poly(2-vinylpyridine). Journal of Polymer Science Part B: Polymer Physics, 2009, 47, 1935-1944.	1.8	37
90	Sulfonated poly(ether ether ketone) membranes crosslinked with sulfonic acid containing benzoxazine monomer as proton exchange membranes. Polymer, 2009, 50, 3196-3203.	1.8	57

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91	Self-Assembly structures through competitive interactions of miscible crystalline~amorphous diblock copolymer/homopolymer blends. <i>Polymer</i> , 2009, 50, 5276-5287.	1.8	36
92	A new organic/inorganic electroluminescent material with a silsesquioxane core. <i>Acta Materialia</i> , 2009, 57, 1938-1946.	3.8	24
93	Patterned Poly(2-hydroxyethyl methacrylate) Brushes on Silicon Surfaces Behave as ~Tentacles~To Capture Ferritin from Aqueous Solution. <i>ACS Applied Materials & Interfaces</i> , 2009, 1, 1525-1532.	4.0	38
94	Self-Assembled Fernlike Microstructures of Polyhedral Oligomeric Silsesquioxane/Gold Nanoparticle Hybrids. <i>Journal of Physical Chemistry C</i> , 2009, 113, 3517-3524.	1.5	35
95	Homopolymerization and Block Copolymerization of <i>N</i> -Vinylpyrrolidone by ATRP and RAFT with Haloxanthate Inifers. <i>Macromolecules</i> , 2009, 42, 8198-8210.	2.2	74
96	Fabrication of Patterned Superhydrophobic Polybenzoxazine Hybrid Surfaces. <i>Langmuir</i> , 2009, 25, 3359-3362.	1.6	76
97	Self-Assembly Structures through Competitive Interactions of Crystalline~Amorphous Diblock Copolymer/Homopolymer Blends: Poly(μ -caprolactone- <i>b</i> -4-vinyl pyridine)/Poly(vinyl phenol). <i>Macromolecules</i> , 2009, 42, 3580-3590.	2.2	56
98	Using Click Chemistry To Fabricate Ultrathin Thermoresponsive Microcapsules through Direct Covalent Layer-by-Layer Assembly. <i>Macromolecules</i> , 2009, 42, 5155-5166.	2.2	102
99	Solid State and Solution Self-Assembly of Helical Polypeptides Tethered to Polyhedral Oligomeric Silsesquioxanes. <i>Macromolecules</i> , 2009, 42, 1619-1626.	2.2	111
100	Investigation of the drawing mechanism of UHMWPE fibers. <i>Journal of Materials Science</i> , 2008, 43, 4892-4900.	1.7	74
101	Synthesis and self~assembly of helical polypeptide~random coil amphiphilic diblock copolymer. <i>Journal of Polymer Science Part A</i> , 2008, 46, 3108-3119.	2.5	64
102	A simple approach toward low~dielectric polyimide nanocomposites: Blending the polyimide precursor with a fluorinated polyhedral oligomeric silsesquioxane. <i>Journal of Polymer Science Part A</i> , 2008, 46, 6296-6304.	2.5	53
103	A ~plug and play~polymer through biocomplementary hydrogen bonding. <i>Journal of Polymer Science Part A</i> , 2008, 46, 6416-6424.	2.5	46
104	New approach to fabricate an extremely super~amphiphobic surface based on fluorinated silica nanoparticles. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2008, 46, 1984-1990.	2.4	122
105	Modification of Polymer Substrates with Low Surface Free Energy Material by Low~Temperature Cured Polybenzoxazine. <i>Macromolecular Rapid Communications</i> , 2008, 29, 52-56.	2.0	33
106	Supramolecular Micellization of Diblock Copolymer Mixtures Mediated by Hydrogen Bonding for the Observation of Separated Coil and Chain Aggregation in Common Solvents. <i>Macromolecular Rapid Communications</i> , 2008, 29, 229-233.	2.0	53
107	Effect of an Organically Modified Nanoclay on Low~Surface~Energy Materials of Polybenzoxazine. <i>Macromolecular Rapid Communications</i> , 2008, 29, 1216-1220.	2.0	55
108	Novel reactive compatibilization strategy on immiscible polypropylene and polystyrene blend. <i>Journal of Applied Polymer Science</i> , 2008, 107, 831-839.	1.3	17

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109	Studies on thermal properties of PS nanocomposites for the effect of intercalated agent with side groups. <i>Polymer</i> , 2008, 49, 1305-1311.	1.8	38
110	Effect of LiClO ₄ on the thermal and morphological properties of organic/inorganic polymer hybrids. <i>Polymer</i> , 2008, 49, 3625-3628.	1.8	15
111	Synthesis and characterization of amorphous octakis-functionalized polyhedral oligomeric silsesquioxanes for polymer nanocomposites. <i>Polymer</i> , 2008, 49, 4017-4024.	1.8	82
112	Thermal properties and surface energy characteristics of interpenetrating polyacrylate and polybenzoxazine networks. <i>Polymer</i> , 2008, 49, 4852-4860.	1.8	35
113	Characterization of negative-type photoresists containing polyhedral oligomeric silsesquioxane methacrylate. <i>Microelectronic Engineering</i> , 2008, 85, 1624-1628.	1.1	20
114	Tuning the Surface Free Energy of Polybenzoxazine Thin Films. <i>Journal of Physical Chemistry C</i> , 2008, 112, 16189-16191.	1.5	63
115	Self-Assembly through Competitive Interactions of Miscible Diblock Copolymer/Homopolymer Blends: Poly(vinylphenol- <i>b</i> -methyl methacrylate)/Poly(vinylpyrrolidone) Blend. <i>Macromolecules</i> , 2008, 41, 1401-1410.	2.2	69
116	Syntheses, Specific Interactions, and pH-Sensitive Micellization Behavior of Poly[vinylphenol- <i>b</i> -2-(dimethylamino)ethyl methacrylate] Diblock Copolymers. <i>Macromolecules</i> , 2008, 41, 8865-8876.	2.2	44
117	Polypeptide Diblock Copolymers: Syntheses and Properties of Poly(N-isopropylacrylamide)- <i>b</i> -Polylysine. <i>Macromolecules</i> , 2008, 41, 7041-7052.	2.2	99
118	Using Solvent Immersion to Fabricate Variably Patterned Poly(methyl methacrylate) Brushes on Silicon Surfaces. <i>Macromolecules</i> , 2008, 41, 8729-8736.	2.2	70
119	Self-Assembly Behavior of A-B Diblock and C-D Random Copolymer Mixtures in the Solution State through Mediated Hydrogen Bonding. <i>Langmuir</i> , 2008, 24, 7727-7734.	1.6	36
120	Miscibility and Hydrogen-Bonding Behavior in Organic/Inorganic Polymer Hybrids Containing Octaphenol Polyhedral Oligomeric Silsesquioxane. <i>Journal of Physical Chemistry B</i> , 2008, 112, 10821-10829.	1.2	40
121	Properties Enhancement of PS Nanocomposites through the POSS Surfactants. <i>Journal of Nanomaterials</i> , 2008, 2008, 1-7.	1.5	20
122	Hybridization sensing by electrical enhancement with nanoparticles in nanogap. <i>Journal of Vacuum Science & Technology B</i> , 2008, 26, 2572-2577.	1.3	5
123	Immobilization of layered double hydroxides in the fluidic system for nanoextraction of specific DNA molecules. <i>Applied Physics Letters</i> , 2008, 92, .	1.5	34
124	Polybenzoxazine as a Mold-Release Agent for Nanoimprint Lithography. <i>Langmuir</i> , 2007, 23, 5868-5871.	1.6	66
125	Removal of Hg ²⁺ from aqueous solution using alginate gel containing chitosan. <i>Journal of Applied Polymer Science</i> , 2007, 104, 2896-2905.	1.3	32
126	Micellization and the Surface Hydrophobicity of Amphiphilic Poly(vinylphenol)- <i>b</i> -Polystyrene Block Copolymers. <i>Macromolecular Chemistry and Physics</i> , 2007, 208, 1823-1831.	1.1	22

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127	Formation of Honeycomb Structures and Superhydrophobic Surfaces by Casting a Block Copolymer from Selective Solvent Mixtures. <i>Macromolecular Rapid Communications</i> , 2007, 28, 271-275.	2.0	50
128	Fabrication of Superhydrophobic and Superoleophilic Polystyrene Surfaces by a Facile One-Step Method. <i>Macromolecular Rapid Communications</i> , 2007, 28, 2262-2266.	2.0	85
129	Micellar morphologies of self-associated diblock copolymers in acetone solution. <i>Polymer</i> , 2007, 48, 3192-3200.	1.8	38
130	Supramolecular aggregations through the inclusion complexation of cyclodextrins and polymers with bulky end groups. <i>Journal of Polymer Science Part A</i> , 2007, 45, 125-135.	2.5	27
131	Novel epoxy nanocomposite of lowDk introduced fluorine-containing POSS structure. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2007, 45, 502-510.	2.4	37
132	Synthesis and characterization of a vinyl-terminated benzoxazine monomer and its blends with poly(ethylene oxide). <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2007, 45, 644-653.	2.4	32
133	Thermal properties of polystyrene nanocomposites formed from rigid intercalation agent-treated montmorillonite. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2007, 45, 1781-1787.	2.4	13
134	Novel nanocomposite of epoxy resin by introduced reactive and nanoporous material. <i>Journal of Polymer Research</i> , 2007, 14, 431-439.	1.2	32
135	Determination of the interaction within polyester-based solid polymer electrolyte using FTIR spectroscopy. <i>Polymer</i> , 2007, 48, 989-996.	1.8	60
136	Complicated phase behavior and ionic conductivities of PVP-co-PMMA-based polymer electrolytes. <i>Polymer</i> , 2007, 48, 1329-1342.	1.8	61
137	Hydrogen-Bonding Interactions Mediate the Phase Behavior of an A [~] B/C Block Copolymer/Homopolymer Blend Comprising Poly(Methyl Methacrylate-b-vinylpyrrolidone) and Poly(Vinylphenol). <i>Macromolecules</i> , 2006, 39, 5458-5465.	2.2	59
138	Stable Superhydrophobic Polybenzoxazine Surfaces over a Wide pH Range. <i>Langmuir</i> , 2006, 22, 8289-8292.	1.6	131
139	Syntheses and the Study of Strongly Hydrogen-Bonded Poly(vinylphenol-b-vinylpyridine) Diblock Copolymer through Anionic Polymerization. <i>Macromolecules</i> , 2006, 39, 9388-9395.	2.2	79
140	Epoxy/polyhedral oligomeric silsesquioxane nanocomposites from octakis(glycidyl dimethylsiloxy)octasilsesquioxane and small-molecule curing agents. <i>Journal of Polymer Science Part A</i> , 2006, 44, 3825-3835.	2.5	47
141	Synthesis of a novel benzoxazine monomer-intercalated montmorillonite and the curing kinetics of polybenzoxazine/clay hybrid nanocomposites. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2006, 44, 347-358.	2.4	71
142	Hydrogen bonding interactions and miscibility between phenolic resin and octa(acetoxystyryl) polyhedral oligomeric silsesquioxane (AS-POSS) nanocomposites. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2006, 44, 673-686.	2.4	71
143	Sequence distribution affect the phase behavior and hydrogen bonding strength in blends of poly(vinylphenol-co-methyl methacrylate) with poly(ethylene oxide). <i>Polymer</i> , 2006, 47, 3436-3447.	1.8	31
144	Synthesis and characterization of polybenzoxazine networks nanocomposites containing multifunctional polyhedral oligomeric silsesquioxane (POSS). <i>Polymer</i> , 2006, 47, 4378-4386.	1.8	121

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145	Syntheses and specific interactions of poly(hydroxyethyl methacrylate-b-vinyl pyrrolidone) diblock copolymers and comparisons with their corresponding miscible blend systems. <i>Polymer</i> , 2006, 47, 7060-7069.	1.8	23
146	Effect of bisphenol A on the miscibility, phase morphology, and specific interaction in immiscible biodegradable poly(ϵ -caprolactone)/poly(L-lactide) blends. <i>Journal of Applied Polymer Science</i> , 2006, 100, 1146-1161.	1.3	21
147	Low-Surface-Free-Energy Materials Based on Polybenzoxazines. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 2248-2251.	7.2	306
148	Syntheses and Specific Interactions of Poly(ϵ -caprolactone)-block-poly(vinyl phenol) Copolymers Obtained via a Combination of Ring-Opening and Atom-Transfer Radical Polymerizations. <i>Macromolecular Chemistry and Physics</i> , 2006, 207, 2006-2016.	1.1	27
149	Simultaneous Preparation of PI/POSS Semi-IPN Nanocomposites. <i>Macromolecular Rapid Communications</i> , 2006, 27, 452-457.	2.0	32
150	Fabrication of Biomimetic Super-Amphiphobic Surfaces Through Plasma Modification of Benzoxazine Films. <i>Macromolecular Rapid Communications</i> , 2006, 27, 333-337.	2.0	57
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