Wen-Yen Chiu

List of Publications by Year
in descending order

200 papers	4,826 citations	134610 34 h-index	169272 56 g-index
200 all docs	200 docs citations	200 times ranked	6323 citing authors

#	Article	IF	Citations
1	Thermoresponsive SERS Nanocapsules Constructed by Linear-Dendritic Poly(urea/malonamide) for Tunable Biomolecule Detection. ACS Applied Polymer Materials, 2022, 4, 240-249.	2.0	5
2	Two-dimensional polythiophene homopolymer as promising hole transport material for high-performance perovskite solar cells. Journal of Power Sources, 2019, 426, 55-60.	4.0	19
3	Synthesis of pH-sensitive sulfonamide-based hydrogels with controllable crosslinking density by post thermo-curing. Journal of Polymer Research, 2019, 26, 1.	1.2	14
4	Effect of a low-molecular-weight compatibilizer on the immiscible blends of cellulose acetate propionate and poly(butylene terephthalate). Journal of Polymer Research, 2018, 25, 1.	1.2	1
5	Enhanced reliability of LEDs encapsulated with surface-modified zirconia/silicone hybrids under thermal shock. Materials Chemistry and Physics, 2018, 206, 136-143.	2.0	12
6	Fiber and film developments from immiscible blends of cellulose acetate propionate and poly(butylene) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.3	4
7	Magnetic and Thermal-sensitive Poly(N-isopropylacrylamide)-based Microgels for Magnetically Triggered Controlled Release. Journal of Visualized Experiments, 2017, , .	0.2	7
8	Synthesis and Characterization of Two-Dimensional Conjugated Polymers Incorporating Electron-Deficient Moieties for Application in Organic Photovoltaics. Polymers, 2016, 8, 382.	2.0	4
9	Thermoresponsive conductive polymer composite thin film and fiber mat: Crosslinked PEDOT:PSS and P(NIPAAm-<i>co</i>-NMA) composite. Journal of Polymer Science Part A, 2016, 54, 1078-1087.	2.5	11
10	Preparation and properties of thermoresponsive and conductive composite fibers with coreâ€sheath structure. Journal of Polymer Science Part A, 2016, 54, 1299-1307.	2.5	6
11	Modified structure of two-dimensional polythiophene derivatives by incorporating electron-deficient units into terthiophene-vinylene conjugated side chains and the polymer backbone: synthesis, optoelectronic and self-assembly properties, and photovoltaic application. RSC Advances, 2016, 6, 67976-67985.	1.7	4
12	Magnetically polymeric nanocarriers for targeting delivery of curcumin and hyperthermia treatments toward cancer cells. Journal of Polymer Science Part A, 2016, 54, 2706-2713.	2.5	8
13	Thermo- and pH-induced self-assembly of P(AA-<i>b</i> -NIPAAm-<i>b</i> -AA) triblock copolymers synthesized via RAFT polymerization. Journal of Polymer Science Part A, 2016, 54, 1109-1118.	2.5	14
14	Synthesis and application of polyurethane basic organic-inorganic hybrid materials as highly hydrophobic coatings. Journal of Polymer Research, 2016, 23, 1.	1.2	2
15	Magnetically triggered nanovehicles for controlled drug release as a colorectal cancer therapy. Colloids and Surfaces B: Biointerfaces, 2016, 140, 567-573.	2.5	35
16	Fabrication and characterization of UVâ€crosslinkable thermoresponsive composite fibers with magnetic properties. Journal of Polymer Science Part A, 2015, 53, 2152-2162.	2.5	10
17	Terthiopheneâ€“C₆₀ dyads as donor/acceptor compatibilizers for developing highly stable P3HT/PCBM bulk heterojunction solar cells. Journal of Materials Chemistry A, 2015, 3, 14401-14408.	5.2	13
18	Synthesis of monodispersed polystyreneâ€“silver coreâ€“shell particles and their application in the fabrication of stretchable large-scale anisotropic conductive films. Journal of Materials Chemistry C, 2015, 3, 3318-3328.	2.7	22

#	Article	IF	Citations
19	Novel pH-sensitive drug carriers of carboxymethyl-hexanoyl chitosan (ChitosonicÂ® Acid) modified liposomes. RSC Advances, 2015, 5, 23134-23143.	1.7	20
20	Preparation and characterization of methoxyâ€poly(ethylene glycol) side chain grafted onto chitosan as a wound dressing film. Journal of Applied Polymer Science, 2015, 132, .	1.3	6
21	Synthesis and characterization of nano silver-modified graphene/PEDOT:PSS for highly conductive and transparent nanocomposite films. Journal of Polymer Research, 2015, 22, 1.	1.2	14
22	Evaluation of thermally crosslinkable chitosan-based nanofibrous mats for the removal of metal ions. Carbohydrate Polymers, 2015, 116, 249-254.	5.1	33
23	Synthesis and properties of thermoresponsive magnetic polymer composites and their electrospun nanofibers. Journal of Polymer Science Part A, 2014, 52, 848-856.	2.5	12
24	Self-assembly behaviors of thermal- and pH- sensitive magnetic nanocarriers for stimuli-triggered release. Nanoscale Research Letters, 2014, 9, 520.	3.1	21
25	A novel route for preparation of multifunctional polymeric nanocarriers for stimuli-triggered drug release. Journal of Polymer Science Part A, 2014, 52, 561-571.	2.5	9
26	Surfactant-free dispersion polymerization as an efficient synthesis route to a successful encapsulation of nanoparticles. RSC Advances, 2014, 4, 47436-47447.	1.7	5
27	Impact of constitution of the terthiopheneâ€“vinylene conjugated side chain on the optical and photovoltaic properties of two-dimensional polythiophenes. Physical Chemistry Chemical Physics, 2014, 16, 25111-25120.	1.3	8
28	Preparation of a thermo- and pH-sensitive nanofibrous scaffold with embedded chitosan-based nanoparticles and its evaluation as a drug carrier. Cellulose, 2014, 21, 2497-2509.	2.4	8
29	Fabrication of hydrophobic poly(3,4-ethylenedioxythiophene): Poly(4-styrenesulfonate)/zinc oxide rod conductive film via hydrothermal method and their performance on weather stability and pH buffering ability. Thin Solid Films, 2014, 552, 98-104.	0.8	4
30	Novel fulleropyrrolidines bearing Ï€-conjugated thiophene derivatives as compatibilizing group for developing highly stable polymer solar cells. Organic Electronics, 2014, 15, 2223-2233.	1.4	10
31	Silicone hybrid materials useful for the encapsulation of light-emitting diodes. Materials Chemistry and Physics, 2014, 144, 41-48.	2.0	36
32	Environmentally responsive amphiphilic cationic block copolymers synthesized by 2,2,6,6â€tetramethylpiperidinyloxy mediated living freeâ€radical polymerization. Journal of Applied Polymer Science, 2013, 128, 239-247.	1.3	0
33	Coreâ€“shell composite latexes derived from PEDOT:PSS dispersion and the preparation of conductive, flexible and transparent films. Journal of Materials Chemistry C, 2013, 1, 5351.	2.7	20
34	Preparation of pH- and thermo-sensitive chitosan-PNIPAAm coreâ€“shell nanoparticles and evaluation as drug carriers. Cellulose, 2013, 20, 1791-1805.	2.4	26
35	Fabrication of flexible conductive films derived from poly(3,4-ethylenedioxythiophene)â€“poly(styrenesulfonic acid) (PEDOT:PSS) on the nonwoven fabrics substrate. Materials Chemistry and Physics, 2013, 143, 143-148.	2.0	5
36	Mechanism and control of the structural evolution of a polymer solar cell from a bulk heterojunction to a thermally unstable hierarchical structure. Nanoscale, 2013, 5, 7629.	2.8	48

#	Article	IF	Citations
37	Novel Synthesis of Multi-Scaled, Surfactant-Free Monodisperse Latexes via Alcoholic Dispersion Polymerization in a Mixed Ionic/Nonionic Initiation System. Macromolecules, 2013, 46, 3561-3569.	2.2	23
38	Micron- and Nano-sized Poly(N-isopropylacrylamide-co-acrylic acid) Latex Syntheses and Their Applications for Controlled Drug Release. Journal of Nanoscience and Nanotechnology, 2013, 13, 5305-5315.	0.9	10
39	Time-Resolved Polymer Propagation for Acrylic Acid-Mediated Nanolatexes Containing Magnetic Fe₃O₄ Cores. Journal of Nanoscience and Nanotechnology, 2013, 13, 2147-2152.	0.9	1
40	Synthesis and characteristics of poly(Nâ€isopropylacrylamideâ€coâ€methacrylic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 632 Td (acid)/Fe thermosensitive magnetic composite hollow latex particles. Journal of Polymer Science Part A, 2013, 51, 2880-2891.	2.5	14
41	Temperature-dependent conductive composites: poly(N-isopropylacrylamide-co-N-methylol acrylamide) and carbon black composite films. Journal of Materials Chemistry, 2012, 22, 20311.	6.7	23
42	Innovative elastic and flexible conductive PEDOT:PSS composite films prepared by introducing soft latexes. Journal of Materials Chemistry, 2012, 22, 3800.	6.7	39
43	Hydrophobic and flexible conductive films consisting of PEDOT:PSS-PBA/fluorine-modified silica and their performance in weather stability. Journal of Materials Chemistry, 2012, 22, 14042.	6.7	47
44	Functional acrylic acid as stabilizer for synthesis of smart hydrogel particles containing a magnetic Fe3O4 core. Polymer, 2012, 53, 2839-2846.	1.8	27
45	Thermo-responsive nanofibers prepared from poly(N-isopropylacrylamide-co-N-methylol acrylamide). Polymer, 2012, 53, 2829-2838.	1.8	23
46	Graphene-modified polyaniline as the catalyst material for the counter electrode of a dye-sensitized solar cell. Journal of Power Sources, 2012, 217, 152-157.	4.0	62
47	Controlling Formation of Silver/Carbon Nanotube Networks for Highly Conductive Film Surface. ACS Applied Materials & Interfaces, 2012, 4, 1449-1455.	4.0	32
48	Fullerene bisadduct as an effective phase-separation inhibitor in preparing poly(3-hexylthiophene)â€“[6,6]-phenyl-C61-butyric acid methyl ester blends with highly stable morphology. Journal of Materials Chemistry, 2012, 22, 15586.	6.7	68
49	Synthesis and characteristics of poly(Nâ€isopropylacrylamideâ€coâ€methacrylic) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Journal of Polymer Science Part A, 2012, 50, 2626-2634.	2.5	14
50	Mixedâ€surfactantâ€induced morphology change of polyaniline. Journal of Applied Polymer Science, 2012, 126, E195.	1.3	6
51	Thermally crosslinkable poly(N-isopropylacrylamide) copolymers: Synthesis and characterization of temperature-responsive hydrogel. Materials Chemistry and Physics, 2012, 134, 1208-1213.	2.0	14
52	Conductive composite particles synthesized via pickering emulsion polymerization using conductive latex of poly(3,4-ethylenedioxythiophene) (PEDOT) as stabilizer. Polymer, 2012, 53, 1086-1092.	1.8	29
53	Synthesis and optoelectronic properties of high transparent polymer based anode materials with good wetting abilities and their application in electroluminescent devices. Synthetic Metals, 2011, 161, 1878-1885.	2.1	9
54	Preparation of thermally curable conductive films PEDOT:P(SS-NMA) and their performances on weather stability and water resistance. Polymer, 2011, 52, 5065-5074.	1.8	38

#	Article	IF	Citations
55	Preparation of novel suspensions of ZnO/living block copolymer latex nanoparticles via pickering emulsion polymerization and their long term stability. Journal of Polymer Science Part A, 2011, 49, 3524-3535.	2.5	16
56	Synthesis of chitosanâ€poly(Acrylic Acid) complex particles by dispersion polymerization and their applications in ph buffering and drug release. Journal of Applied Polymer Science, 2011, 120, 1659-1670.	1.3	9
57	Preparation of environmental-responsive chitosan-based nanoparticles by self-assembly method. Carbohydrate Polymers, 2011, 84, 765-769.	5.1	20
58	Characterization and conversion determination of stable PEDOT latex nanoparticles synthesized by emulsion polymerization. Polymer, 2011, 52, 1375-1384.	1.8	27
59	Kinetic behavior of photoâ€polymerization of UVâ€curable resins with carboxylic acid and amino groups. Journal of Applied Polymer Science, 2010, 115, 1982-1994.	1.3	3
60	Synthesis of UVâ€curable/alkaliâ€soluble dispersants used for black photoresist with a high loading of carbon black. Journal of Applied Polymer Science, 2010, 115, 1803-1813.	1.3	7
61	Molecular dynamics study of TiO₂/poly(acrylic acidâ€coâ€methyl methacrylate) and Fe₃O₄/polystyrene composite latex particles prepared by heterocoagulation. Journal of Applied Polymer Science, 2010, 116, 2275-2284.	1.3	3
62	A new approach to controlled/living radical polymerization by DPE method. Polymer, 2010, 51, 2527-2532.	1.8	3
63	Synthesis and characterization of stimuliâ€responsive porous/hollow nanoparticles by selfâ€assembly of chitosanâ€based graft copolymers and application in drug release. Journal of Polymer Science Part A, 2010, 48, 2377-2387.	2.5	36
64	2,2,6,6â€Tetramethylpiperidineâ€1â€oxylâ€mediated living miniâ€emulsion polymerization of styrene under ambient pressure in a semiâ€batch process: effect of ascorbic acid. Polymer International, 2010, 59, 1639-1649.	1.6	4
65	Synthesis of UV-curable resin/ZnO composite films as pH buffering material. E-Polymers, 2010, 10, .	1.3	3
66	Synthesis of UV-curable silane-coupling agent as an adhesion promoter. Materials Chemistry and Physics, 2009, 113, 941-945.	2.0	12
67	Nucleation mechanism and morphology of polystyrene/Fe₃O₄ latex particles via miniemulsion polymerization using AIBN as initiator. Journal of Applied Polymer Science, 2009, 112, 975-984.	1.3	16
68	Preparation and kinetic analysis of PSâ€bâ€PBA block copolymer by 4â€oxoâ€TEMPO capped polystyrene macroinitiators. Journal of Applied Polymer Science, 2009, 113, 2833-2842.	1.3	1
69	Facile synthesis of oneâ€toâ€one copy of monomer droplet to latex particle via equilibrium stabilized miniemulsion polymerization. Polymer Engineering and Science, 2009, 49, 1043-1049.	1.5	7
70	Diffusion and morphological properties of syndiotactic polypropylene (sPP) films. Polymer Engineering and Science, 2009, 49, 740-746.	1.5	2
71	Synthesis and properties of chitosanâ€based thermoâ€and pHâ€responsive nanoparticles and application in drug release. Journal of Polymer Science Part A, 2009, 47, 2798-2810.	2.5	55
72	Synthesis of PMMAâ€bâ€PBA block copolymer in homogeneous and miniemulsion systems by DPE controlled radical polymerization. Journal of Polymer Science Part A, 2009, 47, 4435-4445.	2.5	16

#	Article	IF	Citations
73	Synthesis of chitosanâ€based thermoâ€and pHâ€responsive porous nanoparticles by temperatureâ€dependent selfâ€assembly method and their application in drug release. Journal of Polymer Science Part A, 2009, 47, 5126-5136.	2.5	60
74	Synthesis and kinetic analysis of DPE controlled radical polymerization of MMA. Journal of Polymer Science Part A, 2009, 47, 6789-6800.	2.5	12
75	P(AAâ€“SA) latex particle synthesis via inverse miniemulsion polymerizationâ€“ nucleation mechanism and its application in pH buffering. Journal of Colloid and Interface Science, 2009, 330, 170-174.	5.0	18
76	Novel UV-curable and alkali-soluble resins for light-shielding black matrix application. European Polymer Journal, 2009, 45, 474-484.	2.6	14
77	Influence of DMF on the polymerization of tertâ€butyl acrylate initiated by 4â€oxoâ€TEMPOâ€capped polystyrene macroinitiator. Polymer International, 2008, 57, 730-737.	1.6	28
78	Preparation of MEHâ€PPV/nanosized titania hybrids via in situ solâ€“gel reaction of titanium alkoxide: Optical property. Journal of Polymer Science Part A, 2008, 46, 515-529.	2.5	4
79	Polystyrene/Fe₃O₄ composite latex via miniemulsion polymerizationâ€nucleation mechanism and morphology. Journal of Polymer Science Part A, 2008, 46, 1014-1024.	2.5	39
80	Synthesis of highly conductive EDOT copolymer films via oxidative chemical in situ polymerization. Journal of Polymer Science Part A, 2008, 46, 1662-1673.	2.5	27
81	Emulsion synthesis of nanoparticles containing PEDOT using conducting polymeric surfactant: Synergy for colloid stability and intercalation doping. Journal of Polymer Science Part A, 2008, 46, 2536-2548.	2.5	34
82	Thermosensitive and control release behavior of poly (Nâ€isopropylacrylamideâ€coâ€acrylic) Tj ETQq0 0 0 rgBT /Overlock	2.5	24
83	A novel dispersant for preparation of high loading and photosensitive carbon black dispersion. Journal of Polymer Science Part A, 2008, 46, 6185-6197.	2.5	26
84	Synthesis of P(AAâ€“SA)/ZnO composite latex particles via inverse miniemulsion polymerization and its application in pH regulation and UV shielding. Journal of Polymer Science Part A, 2008, 46, 8081-8090.	2.5	25
85	Highâ€molecularâ€weight polyurethanes prepared by oneâ€step miniemulsion polymerization. Journal of Applied Polymer Science, 2008, 107, 840-845.	1.3	9
86	Synthesis and properties of chitosanâ€modified poly(acrylic acid). Journal of Applied Polymer Science, 2008, 109, 3382-3389.	1.3	8
87	Growth mechanism and pH-regulation characteristics of composite latex particles prepared from Pickering emulsion polymerization of aniline/ZnO using different hydrophilicities of oil phases. Polymer, 2008, 49, 3265-3271.	1.8	33
88	Synthesis of nanosized PAA/titania hybrid compositesâ€”Experiment and modeling. Ceramics International, 2008, 34, 467-477.	2.3	4
89	Thermosensitive and control release behavior of poly(N-isopropylacrylamide-co-acrylic) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 Polymer Journal, 2008, 44, 2768-2776.	2.6	26
90	Synthesis of ZnO/polystyrene composites particles by Pickering emulsion polymerization. European Polymer Journal, 2008, 44, 3271-3279.	2.6	102

#	Article	IF	Citations
91	Preparation of thermo-responsive acrylic hydrogels useful for the application in transdermal drug delivery systems. Materials Chemistry and Physics, 2008, 107, 266-273.	2.0	83
92	Synthesis and characterization of MEH-PPV/nanosized titania hybrids prepared via in situ solâ€“gel reaction. Materials Chemistry and Physics, 2008, 112, 551-556.	2.0	11
93	In-situ polymerization of EDOT in water/methanol with different DBSA contents. E-Polymers, 2008, 8, .	1.3	0
94	Structure and polymer form of poly-3-hydroxyalkanoates produced by Pseudomonas oleovorans grown with mixture of sodium octanoate/undecylenic acid and sodium octanoate/5-phenylvaleric acid. International Journal of Biological Macromolecules, 2007, 40, 112-118.	3.6	9
95	Morphological features of PU/PMMA hybrid latex prepared by Miniemulsion Polymerization. E-Polymers, 2007, 7, .	1.3	1
96	Synthesis and characterization of poly(butyl acrylateâ€“methyl methacrylate)/polyaniline coreâ€“shell latexes. Journal of Applied Polymer Science, 2007, 104, 823-830.	1.3	10
97	Nanosized-hybrid colloids of poly(acrylic acid)/titania prepared via in situ solâ€“gel reaction. Ceramics International, 2007, 33, 643-653.	2.3	29
98	Effects of annealing treatment on the properties of MEH-PPV/titania hybrids prepared via in situ solâ€“gel reaction. European Polymer Journal, 2007, 43, 4750-4761.	2.6	18
99	Synthesis of nano-sized TiO2/poly(AA-co-MMA) composites by heterocoagulation and blending with PET. Journal of Colloid and Interface Science, 2007, 308, 81-92.	5.0	31
100	Preparation of poly(IPDI-PTMO-siloxanes) and influence of siloxane structure on reactivity and mechanical properties. Polymer Engineering and Science, 2007, 47, 625-632.	1.5	20
101	Synthesis and morphology of an iron oxide/polystyrene/poly(isopropylacrylamide-co-methacrylic acid) thermosensitive magnetic composite latex with potassium persulfate as the initiator. Journal of Polymer Science Part A, 2007, 45, 3062-3072.	2.5	20
102	Morphology of PU/PMMA hybrid particles from miniemulsion polymerization: Thermodynamic considerations. Journal of Polymer Science Part A, 2007, 45, 3359-3369.	2.5	13
103	Polyurethane/polyaniline and polyurethaneâ€poly(methyl methacrylate)/polyaniline conductive coreâ€shell particles: Preparation, morphology, and conductivity. Journal of Polymer Science Part A, 2007, 45, 3902-3911.	2.5	24
104	Synthesis and morphology of Fe₃O₄/polystyrene/poly(isopropylacrylamideâ€coâ€methyl acrylate acid) magnetic composite latex â€“ 2,2â€²â€azobis (2â€methylpropionamidine) dihydrochloride as initiator. Journal of Polymer Science Part A, 2007, 45, 3912-3921.	2.5	16
105	Effect of cationic surfactant on homogenization and polymerization of methyl methacrylate miniemulsion modified by chitosan. Polymer International, 2007, 56, 746-753.	1.6	4
106	Chelation and solvent effect on the preparation of titania colloids. Materials Chemistry and Physics, 2007, 101, 12-19.	2.0	58
107	Influence of hexadecane on the formation of droplets and growth of particles for methyl methacrylate miniemulsion polymerization. Journal of Polymer Science Part A, 2006, 44, 4603-4610.	2.5	18
108	Exfoliation of montmorillonite by the insertion of disklike micelles via the soap-free emulsion polymerization of methyl methacrylate. Journal of Polymer Science Part A, 2006, 44, 5572-5579.	2.5	28

#	Article	IF	Citations
109	Preparation, morphology, and thermoresponsive properties of poly(N-isopropylacrylamide)-based copolymer microgels. Journal of Polymer Science Part A, 2006, 44, 356-370.	2.5	41
110	Polypyrrole/poly(N -isopropylacrylamide-co -acrylic acid) thermosensitive and electrically conductive composite microgels. Journal of Polymer Science Part A, 2006, 44, 1648-1659.	2.5	13
111	Preparation and characterization of chitosan-g-poly(vinyl alcohol)/poly(vinyl alcohol) blends used for the evaluation of blood-contacting compatibility. Carbohydrate Polymers, 2006, 63, 331-339.	5.1	92
112	Novel poly(3-methylthiophene)-TiO2 hybrid materials for photovoltaic cells. Thin Solid Films, 2006, 511-512, 199-202.	0.8	29
113	Superparamagnetic thermoresponsive composite latex via W/O miniemulsion polymerization. Journal of Applied Polymer Science, 2006, 100, 3987-3996.	1.3	34
114	Synthesis of Fe3O4/PMMA composite latex particles: Kinetic modeling. Journal of Applied Polymer Science, 2006, 100, 4925-4934.	1.3	2
115	Graft polymerization of vinyl acetate onto granular starch: Comparison on the potassium persulfate and ceric ammonium nitrate initiated system. Journal of Applied Polymer Science, 2006, 102, 3017-3027.	1.3	28
116	Morphology and characterization of conductive films based on polyaniline-coated polystyrene latexes. Journal of Applied Polymer Science, 2006, 102, 5406-5413.	1.3	11
117	Thermal/pH-sensitive core-shell copolymer latex and its potential for targeting drug carrier application. Polymer, 2005, 46, 10092-10101.	1.8	53
118	A novel method to prepare chitosan/montmorillonite nanocomposites. Journal of Applied Polymer Science, 2005, 98, 2042-2047.	1.3	76
119	Preparation of thermoresponsive coreâ€“shell copolymer latex with potential use in drug targeting. Journal of Colloid and Interface Science, 2005, 290, 397-405.	5.0	31
120	Preparation and properties of poly(acrylic acid) oligomer stabilized superparamagnetic ferrofluid. Journal of Colloid and Interface Science, 2005, 291, 411-420.	5.0	233
121	Novel amphiphilic carbon black composite nanoparticles from TEMPO-terminated polymer and TEMPO-terminated block copolymer grafted carbon black. Polymer, 2005, 46, 5514-5523.	1.8	32
122	Rate enhancement for nitroxide stable free radical polymerization ofn-butyl acrylate by dodecylbenzenesulfonic acid. Journal of Polymer Science Part A, 2005, 43, 42-49.	2.5	11
123	Synthesis and properties of silica/polystyrene/polyaniline conductive composite particles. Journal of Polymer Science Part A, 2005, 43, 342-354.	2.5	28
124	Preparation and clinical application of immunomagnetic latex. Journal of Polymer Science Part A, 2005, 43, 1342-1356.	2.5	43
125	Preparation of polyurethane dispersions by miniemulsion polymerization. Journal of Polymer Science Part A, 2005, 43, 4870-4881.	2.5	41
126	Thermally responsive complex polymer networks containing Fe3O4 nanoparticles: Composition/morphology/property relationship. Journal of Polymer Science Part A, 2005, 43, 5923-5934.	2.5	13

#	Article	IF	Citations
127	Preparation and characterization of titania nanotubes and hybrid materials derived from them. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 2005, 23, 2398.	1.6	13
128	Morphology and temperature responsiveness-swelling relationship of poly(N-isopropylamide-chitosan) copolymers and their application to drug release. Journal of Polymer Science Part A, 2004, 42, 3029-3037.	2.5	80
129	Synthesis of iron oxide/poly(methyl methacrylate) composite latex particles: Nucleation mechanism and morphology. Journal of Polymer Science Part A, 2004, 42, 5695-5705.	2.5	67
130	Synthesis of poly(chitosan-N-isopropylacrylamide) complex particles with the method of soapless dispersion polymerization. Journal of Polymer Science Part A, 2003, 41, 2053-2063.	2.5	55
131	Preparation and Properties of Poly(acrylic acid)-Stabilized Magnetite Nanoparticles. Synthetic Metals, 2003, 135-136, 769-770.	2.1	18
132	Preparation of Chitosan-graft-poly(vinyl acetate) Copolymers and Their Adsorption of Copper Ion. Polymer Journal, 2002, 34, 418-425.	1.3	41
133	Morphology and Growth Kinetics in Crystalline/Crystalline Polymer Blends of Poly(butylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T Physics, 2002, 203, 294-300.	1.1	21
134	Thermal properties of main-chain phosphorus-containing epoxide cured with amine. Journal of Applied Polymer Science, 2002, 83, 2733-2740.	1.3	16
135	Thermal properties of side-chain phosphorus-containing epoxide cured with amine. Journal of Applied Polymer Science, 2002, 83, 2741-2748.	1.3	23
136	Synthesis and properties of chitosan-modified poly(vinyl acetate). Journal of Applied Polymer Science, 2002, 86, 3057-3063.	1.3	102
137	Synthesis of chitosan-modified poly(methyl methacrylate) by emulsion polymerization. Journal of Applied Polymer Science, 2002, 86, 3047-3056.	1.3	40
138	Free radical degradation of chitosan with potassium persulfate. Polymer Degradation and Stability, 2002, 75, 73-83.	2.7	205
139	The Synthesis of Chitin-g-Poly(vinyl acetate) Copolymers with a Redox Initiator. Journal of Polymer Research, 2002, 9, 257-263.	1.2	8
140	Synthesis and properties of monodisperse conductive core-shell latexes. Synthetic Metals, 2001, 119, 155-156.	2.1	32
141	Composition Control of Copolymer in Semibatch Emulsion CopolymerizationI. Methyl Methacrylate/Styrene Two-Component System. Polymer Journal, 2001, 33, 27-37.	1.3	3
142	The structural properties of imidazole cured epoxyâ€“phenol resins. Polymer, 2001, 42, 5439-5448.	1.8	24
143	Structures and thermal properties of chitosan-modified poly(methyl methacrylate). Journal of Polymer Science Part A, 2001, 39, 1646-1655.	2.5	39
144	Thermal degradation behavior of epoxy resin blended with propyl ester phosphazene. Journal of Applied Polymer Science, 2001, 81, 1161-1174.	1.3	20

#	Article	IF	Citations
145	Composition control of copolymer in semibatch emulsion copolymerization. II. MMA/styrene/BMA three-component system. Journal of Polymer Science Part A, 2000, 38, 3253-3269.	2.5	1
146	Crystallization kinetics and thermal degradation behavior of low-density polyethylene blended with poly(bispropoxyphosphazene). Polymer Degradation and Stability, 2000, 67, 223-231.	2.7	9
147	The effect of acetic acid on the structure and filtration properties of poly(vinyl alcohol) membranes. Journal of Membrane Science, 2000, 172, 241-251.	4.1	35
148	Synthesis and properties of polymer latex with carboxylic acid functional groups for immunological studies. Polymer, 2000, 41, 8565-8571.	1.8	33
149	Humidity Sensitive Properties of Restructural Films Prepared from Polymer Latex with Carboxylic Acid Functional Groups. Polymer Journal, 2000, 32, 192-197.	1.3	1
150	Polymer Chain Buildup and Network Formation of Imidazole-Cured Epoxy/Phenol Resins. Macromolecules, 2000, 33, 6672-6684.	2.2	25
151	Synthesis and Physical Properties of the Crosslinking Poly(butyl acrylate)/ Polystyrene Core-Shell Composite Latex. Polymer Journal, 2000, 32, 629-636.	1.3	8
152	Membranes with a particulate morphology prepared by a dryâ€“wet casting process. Polymer, 1999, 40, 5257-5264.	1.8	25
153	Thermal degradation behavior and flammability of polyurethanes blended with poly(bispropoxyphosphazene). Polymer Degradation and Stability, 1999, 66, 307-315.	2.7	46
154	Properties of the poly(vinyl alcohol)/chitosan blend and its effect on the culture of fibroblast in vitro. Biomaterials, 1999, 20, 1479-1487.	5.7	249
155	Synthesis and properties of polyurethanes blended with poly(bispropoxyphosphazene). Polymer Degradation and Stability, 1999, 66, 233-239.	2.7	9
156	A modified rheological model of viscosities for BR-SBS blends. Journal of Applied Polymer Science, 1999, 71, 39-46.	1.3	7
157	Study on the synthesis of poly(methyl methacrylate)-poly(methacrylic acid) composite latex and their humidity sensitive properties. Journal of Applied Polymer Science, 1999, 71, 47-57.	1.3	14
158	Kinetic approach for epoxy resins cured with diaminodiphenyl sulfone under non-isothermal conditions. Journal of Applied Polymer Science, 1999, 71, 721-728.	1.3	17
159	The curing reaction and physical properties of DGEBA/DETA epoxy resin blended with propyl ester phosphazene. Journal of Applied Polymer Science, 1999, 74, 229-237.	1.3	68
160	Polymer latex containing carboxylic acid functional groups. I. Synthesis of polymer latex from MMA and AA. Journal of Applied Polymer Science, 1999, 74, 3111-3120.	1.3	7
161	Polymer latex containing carboxylic acid functional groups. II. Humidity-sensitive properties of rigid films made from MMA and AA. Journal of Applied Polymer Science, 1999, 74, 3121-3129.	1.3	2
162	Kinetics study of imidazole-cured epoxy-phenol resins. Journal of Polymer Science Part A, 1999, 37, 3233-3242.	2.5	41

#	Article	IF	Citations
163	Morphology, thermal property, and mechanical property of core-shell latex polymers. I. Effect of heating and pressuring on PBA/PS linear composite polymer. Journal of Applied Polymer Science, 1998, 69, 13-23.	1.3	16
164	Effects of Acrylic Acid on Radical Penetration Length and Conversion in Emulsifier-Free Emulsion Copolymerization of Styrene and Acrylic Acid. Polymer Journal, 1997, 29, 744-751.	1.3	1
165	Thermal degradation behavior of polystyrene blended with propyl ester phosphazene. Polymer Degradation and Stability, 1997, 57, 261-268.	2.7	9
166	Thermal degradation behavior and physical properties for poly (methyl methacrylate) blended with propyl ester phosphazene. Polymer Degradation and Stability, 1997, 57, 269-278.	2.7	32
167	Synthesis of polyarylate through interfacial polycondensation by use of glycolyzed products of poly(ethylene terephthalate) glycolysis with bisphenol-a. Journal of Polymer Research, 1997, 4, 9-16.	1.2	4
168	Study on the kinetics of interfacial polycondensation for polyarylate. Angewandte Makromolekulare Chemie, 1997, 248, 123-137.	0.3	12
169	Kinetic study on the poly(methyl methacrylate) seeded soapless emulsion polymerization of styrene. III. Seeds with crosslinking. Journal of Applied Polymer Science, 1997, 65, 425-438.	1.3	18
170	Influence of edge-distance ratio and hole-size ratio on bearing strength of poly(ether ether ketone) and its composites. Journal of Applied Polymer Science, 1997, 66, 1847-1853.	1.3	0
171	Kinetic model of thermal degradation of polymers for nonisothermal process. Journal of Applied Polymer Science, 1997, 66, 1855-1868.	1.3	56
172	Soapless emulsion polymerization of methyl methacrylate. II. Simulation of polymer particle formation. Journal of Applied Polymer Science, 1996, 61, 2235-2244.	1.3	18
173	Title is missing!. Angewandte Makromolekulare Chemie, 1996, 239, 133-149.	0.3	3
174	Kinetic study on depolymerization by glycolysis of poly(ethylene terephthalate) with bisphenol A. Angewandte Makromolekulare Chemie, 1995, 230, 47-71.	0.3	21
175	Kinetic study on the poly(methyl methacrylate) seeded soapless emulsion polymerization of styrene. I. Experimental investigation. Journal of Applied Polymer Science, 1995, 56, 1263-1274.	1.3	15
176	Kinetic study on the poly(methyl methacrylate) seeded soapless emulsion polymerization of styrene. II. Kinetic model. Journal of Applied Polymer Science, 1995, 57, 591-603.	1.3	15
177	A rheological model for polymer blends based on the concentric multilayer approach. I. Homogeneous polymer blends. Polymer International, 1994, 35, 95-103.	1.6	1
178	Kinetics studies of two-stage soapless emulsion polymerization of butyl acrylate and methyl methacrylate. Journal of Applied Polymer Science, 1994, 51, 1621-1628.	1.3	25
179	Viscosityâ€“morphologyâ€“compatibility relationship of polymer blends. Journal of Applied Polymer Science, 1993, 49, 1791-1797.	1.3	15
180	Soapfree emulsion polymerization of methyl methacrylate in the presence of CaSO3. Polymer International, 1993, 30, 475-481.	1.6	9

#	Article	IF	Citations
181	A new model for the shear viscosity of carbon blackâ€“polybutadiene, styrene suspensions. Journal of Applied Polymer Science, 1991, 42, 2579-2587.	1.3	3
182	Particle size distribution and molecular size distribution of polymers in soap-free emulsion polymerization of styrene. Journal of Applied Polymer Science, 1991, 42, 2787-2793.	1.3	11
183	Study on the crystallization kinetics of PP/GF composites. Journal of Applied Polymer Science, 1991, 42, 3111-3122.	1.3	28
184	Analysis of filling, packing, and cooling stages in injection molding of disk cavities. Journal of Applied Polymer Science, 1991, 43, 39-48.	1.3	4
185	Relationship between extrusion condition and mechanical properties of FRPP. Journal of Applied Polymer Science, 1991, 43, 1335-1341.	1.3	12
186	Hygroscopic-aging behavior of pure and NaCl-filled polyurethane rubber. Journal of Applied Polymer Science, 1991, 43, 2175-2185.	1.3	3
187	The thermal aging of filled polyurethane. Journal of Applied Polymer Science, 1991, 43, 2193-2199.	1.3	17
188	A study on viscosity of suspensions. Journal of Applied Polymer Science, 1989, 37, 2973-2986.	1.3	8
189	Die swell from capillary die and slit die: A theoretical study. Journal of Applied Polymer Science, 1988, 35, 847-862.	1.3	12
190	Structural and Mechanical Properties of Polybutadiene-Urethane Elastomer. Journal of the Chinese Chemical Society, 1987, 34, 63-69.	0.8	1
191	The study on die swell, fiber length distribution, and crystallinity of PP composite through extrusion. Journal of Applied Polymer Science, 1987, 34, 1493-1501.	1.3	13
192	A study of the soap-free emulsion polymerization of styrene. Journal of Applied Polymer Science, 1986, 31, 2117-2128.	1.3	27
193	The viscoelastic properties of PP/glass fiber composites in molten state. Journal of Applied Polymer Science, 1986, 32, 4663-4678.	1.3	16
194	Mechanical properties and morphology of crosslinked PP/PE blends and PP/PE/propyleneâ€“ethylene copolymer blends. Journal of Applied Polymer Science, 1985, 30, 1473-1489.	1.3	49
195	PARTICLE SIZE DISTRIBUTION IN CONTINUOUS EMULSION POLYMERIZATION WITH FREE RADICAL DESORPTION. Journal of Dispersion Science and Technology, 1984, 5, 267-282.	1.3	2
196	Simulation of nonequimolecular polycondensation in continuous flow-stirred tank reactors. Journal of Applied Polymer Science, 1982, 27, 63-69.	1.3	1
197	Simulation and optimal design of seeded continuous emulsion polymerization process. Journal of Applied Polymer Science, 1982, 27, 1977-1993.	1.3	7
198	Simulation model for the emulsion copolymerization of acrylonitrile and styrene in azeotropic composition. Journal of Applied Polymer Science, 1981, 26, 1327-1342.	1.3	21

#	Article	IF	Citations
199	Emulsion polymerization kinetics and reactor design. IV. Continuous-flow operation with recycling. Journal of Applied Polymer Science, 1980, 25, 565-574.	1.3	4
200	Simulation model for the solution copolymerization of acrylonitrile and styrene in azeotropic composition. Journal of Applied Polymer Science, 1979, 23, 1203-1222.	1.3	21