Tzong-Ming Wu

List of Publications by Year
in descending order

149 papers	4,753 citations	109321 35 h-index	123424 61 g-index
152 all docs	152 docs citations	152 times ranked	5535 citing authors

#	Article	IF	Citations
1	Synthesis and Physical Properties of Biodegradable Nanocomposites Fabricated Using Acrylic Acid-Grafted Poly(butylene carbonate-co-terephthalate) and Organically-Modified Layered Zinc Phenylphosphonate. Journal of Polymers and the Environment, 2022, 30, 896-906.	5.0	1
2	Physical Properties and Polymorphism of Acrylic Acid-Grafted Poly(1,4-butylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td (adipate-c 2022, 14, 492.	4.5	1
3	Facile Synthesis of Polyaniline/Carbon-Coated Hollow Indium Oxide Nanofiber Composite with Highly Sensitive Ammonia Gas Sensor at the Room Temperature. Sensors, 2022, 22, 1570.	3.8	4
4	Synthesis, mechanical properties and enzymatic degradation of biodegradable poly(butylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 of Polymers and the Environment, 2021, 29, 755-764.	5.0	3
5	Effect of Storage Conditions on the Thermal Stability and Crystallization Behaviors of Poly(L-Lactide)/Poly(D-Lactide). Polymers, 2021, 13, 238.	4.5	1
6	Role of Organically-Modified Zn-Ti Layered Double Hydroxides in Poly(Butylene Succinate-Co-Adipate) Composites: Enhanced Material Properties and Photodegradation Protection. Polymers, 2021, 13, 2181.	4.5	4
7	Fabrication of polypyrrole/tin oxide/graphene nanoribbon ternary nanocomposite and its high-performance ammonia gas sensing at room temperature. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2021, 272, 115317.	3.5	13
8	Enhanced Photovoltaic Properties of Perovskite Solar Cells by Employing Bathocuproine/Hydrophobic Polymer Films as Hole-Blocking/Electron-Transporting Interfacial Layers. Polymers, 2021, 13, 42.	4.5	10
9	The Room Temperature Highly Sensitive Ammonia Gas Sensor Based on Polyaniline and Nitrogen-Doped Graphene Quantum Dot-Coated Hollow Indium Oxide Nanofiber Composite. Polymers, 2021, 13, 3676.	4.5	18
10	Electrochemical determination of dopamine using a conductive polypyrrole/carbon-coated mesoporous silica composite electrode. Journal of Applied Electrochemistry, 2020, 50, 311-319.	2.9	10
11	Crystallization and Enzymatic Degradation of Maleic Acid-Grafted Poly(butylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 347 T Journal of Polymers and the Environment, 2020, 28, 834-843.	5.0	11
12	Enhanced Photodegradation Stability in Poly(butylene adipate-co-terephthalate) Composites Using Organically Modified Layered Zinc Phenylphosphonate. Polymers, 2020, 12, 1968.	4.5	7
13	Synthesis, Physical Properties and Enzymatic Degradation of Biodegradable Nanocomposites Fabricated Using Poly(Butylene Carbonate-Co-Terephthalate) and Organically Modified Layered Zinc Phenylphosphonate. Polymers, 2020, 12, 2149.	4.5	2
14	Enzymatic Degradation of Acrylic Acid-Grafted Poly(butylene succinate-co-terephthalate) Nanocomposites Fabricated Using Heat Pressing and Freeze-Drying Techniques. Materials, 2020, 13, 376.	2.9	7
15	Rheology, crystallization behavior, and mechanical properties of poly(butylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 182 Td	4.8	19
16	Synthesis of highly sensitive ammonia gas sensor of polyaniline/graphene nanoribbon/indium oxide composite at room temperature. Journal of Materials Science: Materials in Electronics, 2020, 31, 7276-7283.	2.2	19
17	Synthesis and characterization of biodegradable aliphaticâ€“aromatic nanocomposites fabricated using maleic acidâ€grafted poly[(butylene adipate)â€coâ€terephthalate] and organically modified layered zinc phenylphosphonate. Polymer International, 2019, 68, 1531-1537.	3.1	19
18	Enhanced photovoltaic properties of perovskite solar cells by the addition of cellulose derivatives to MAPbI3 based photoactive layer. Cellulose, 2019, 26, 9229-9239.	4.9	18

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19	Electrochemical sensor based on conductive polyaniline coated hollow tin oxide nanoparticles and nitrogen doped graphene quantum dots for sensitively detecting dopamine. Journal of Materials Science: Materials in Electronics, 2019, 30, 8449-8456.	2.2	26
20	Thermal and Mechanical Properties of CO2-Based Biodegradable Poly(cyclohexene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td (carbon Polymers and the Environment, 2019, 27, 1065-1070.	5.0	7
21	Synthesis, mechanical properties and biodegradation of various acrylic acid-grafted poly(butylene) Tj ETQq1 1 0.784314 rgBT /Overlock European Polymer Journal, 2019, 116, 1-8.	5.4	16
22	Crystallization Behavior and Morphology of Hexadecylamine-Modified Layered Zinc Phenylphosphonate and Poly(Butylene Succinate-co-Adipate) Composites with Controllable Biodegradation Rates. Journal of Polymers and the Environment, 2019, 27, 10-18.	5.0	9
23	Crystallisation and spherulite morphology of polylactide stereocomplex. Polymer International, 2019, 68, 141-150.	3.1	12
24	The production of poly(3-hydroxybutyrate) by thermophilic Caldimonas manganoxidans from glycerol. Journal of Polymer Research, 2018, 25, 1.	2.4	12
25	Coâ€Expression of ORF_{Cma} with PHB Depolymerase (PhaZ_{Cma}) in Escherichia coli Induces Efficient Wholeâ€Cell Biodegradation of Polyesters. Biotechnology Journal, 2018, 13, e1700560.	3.5	7
26	AlGaInP Red LEDs with Hollow Hemispherical Polystyrene Arrays. Scientific Reports, 2018, 8, 911.	3.3	9
27	Facile synthesis of polypyrrole/carbon-coated MoO3 nanoparticle/graphene nanoribbon nanocomposite with high-capacitance applied in supercapacitor electrode. Journal of Materials Science: Materials in Electronics, 2018, 29, 382-391.	2.2	18
28	Muscle Activation Levels During Upper Limb Exercise Performed Using Dumbbells and A Spring-Loaded Exoskeleton. Journal of Medical and Biological Engineering, 2017, 37, 345-356.	1.8	3
29	Thermal degradation behaviors and biodegradability of novel nanocomposites based on various poly[(butylene succinate)-co-adipate] and modified layered double hydroxides. Journal of the Taiwan Institute of Chemical Engineers, 2017, 77, 263-270.	5.3	13
30	Enhanced enzymatic degradation in nanocomposites of various organically-modified layered zinc phenylphosphonates and poly (butylene succinate-co-adipate). Journal of Polymer Research, 2017, 24, 1.	2.4	3
31	The influence of support structures on cell immobilization and acetoneâ€“butanolâ€“ethanol (ABE) fermentation performance. Journal of the Taiwan Institute of Chemical Engineers, 2017, 78, 27-31.	5.3	7
32	Assessment of Acidified Fibrous Immobilization Materials for Improving Acetone-Butanol-Ethanol (ABE) Fermentation. Fermentation, 2017, 3, 3.	3.0	8
33	Dispersion of Titanium Oxide Nanoparticles in Aqueous Solution with Anionic Stabilizer via Ultrasonic Wave. Journal of Nanoparticles, 2016, 2016, 1-9.	1.4	42
34	Lamellae Evolution of Stereocomplex-Type Poly(Lactic Acid)/Organically-Modified Layered Zinc Phenylphosphonate Nanocomposites Induced by Isothermal Crystallization. Materials, 2016, 9, 159.	2.9	15
35	The Feasibility of Thermophilic Caldimonas manganoxidans as a Platform for Efficient PHB Production. Applied Biochemistry and Biotechnology, 2016, 180, 852-871.	2.9	15
36	Crystallization behaviors and microstructures of poly(butylene succinate-co-adipate)/modified layered double hydroxide nanocomposites. Journal of Materials Science, 2016, 51, 4021-4030.	3.7	19

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37	Poypyrrole/molybdenum trioxide/graphene nanoribbon ternary nanocomposite with enhanced capacitive performance as an electrode for supercapacitor. Journal of Solid State Electrochemistry, 2016, 20, 691-698.	2.5	14
38	Polymorphism and spherulite morphology of poly(1,4â€butylene adipate)/organicallyâ€modified layered double hydroxide nanocomposites. Journal of Applied Polymer Science, 2015, 132, .	2.6	7
39	Thermal properties and degradation behavior of poly(1,4â€butylene adipate)/modified layered double hydroxide nanocomposites. Journal of Applied Polymer Science, 2015, 132, .	2.6	2
40	Thermal Stability and Magnetic Properties of Polyvinylidene Fluoride/Magnetite Nanocomposites. Materials, 2015, 8, 4553-4564.	2.9	70
41	Electrochemical characteristics of graphene nanoribbon/polypyrrole composite prepared via oxidation polymerization in the presence of poly-(sodium 4-styrenesulfonate). Materials Chemistry and Physics, 2015, 161, 265-270.	4.0	8
42	Organically modified layered zinc phenylphosphonate reinforced stereocomplex-type poly(lactic acid) nanocomposites with highly enhanced mechanical properties and degradability. Journal of Materials Science, 2015, 50, 7770-7778.	3.7	21
43	A comparison of annealing process and nucleating agent (zinc phenylphosphonate) on the crystallization, viscoelasticity, and creep behavior of compression-molded poly(lactic acid) blends. Polymer Degradation and Stability, 2015, 121, 230-237.	5.8	22
44	Enhanced piezoelectric and mechanical properties of electroactive polyvinylidene fluoride/iron oxide composites. Materials Chemistry and Physics, 2015, 149-150, 172-178.	4.0	27
45	Biomechanical study of upper-limb exoskeleton for resistance training with three-dimensional motion analysis system. Journal of Rehabilitation Research and Development, 2014, 51, 111-126.	1.6	9
46	Enhanced piezoelectric responses and crystalline arrangement of electroactive polyvinylidene fluoride/magnetite nanocomposites. Journal of Applied Polymer Science, 2014, 131, .	2.6	5
47	The morphology and degradation behavior of electrospun poly(3â€hydroxybutyrate)/Magnetite and poly(3â€hydroxybutyrateâ€coâ€3â€hydroxyvalerate)/Magnetite composites. Journal of Applied Polymer Science, 2014, 131, .	2.6	19
48	Crystallization Kinetics of Poly(1,4-butylene adipate) with Stereocomplexed Poly(lactic acid) Serving as a Nucleation Agent. Industrial & Engineering Chemistry Research, 2014, 53, 16689-16695.	3.7	28
49	Enhanced capacitance of one-dimensional polypyrrole/graphene oxide nanoribbon nanocomposite as electrode material for high performance supercapacitors. Synthetic Metals, 2014, 198, 188-195.	3.9	12
50	The effect of poly(propylene glycol) on the formation of lyotropic liquid crystalline phases of amphiphiles containing glycerol head groups. Journal of Molecular Liquids, 2014, 199, 190-195.	4.9	1
51	Encapsulation of propolis flavonoids in a water soluble polymer using pressurized carbon dioxide anti-solvent crystallization. Journal of Supercritical Fluids, 2014, 94, 138-146.	3.2	12
52	Morphology and degradation behavior of poly(3-hydroxybutyrate-co-3-hydroxyvalerate)/layered double hydroxides composites. European Polymer Journal, 2014, 59, 136-143.	5.4	28
53	In vitro evaluation of the thermosensitive and magnetic nanoparticles for the controlled drug delivery of vitamin D3. Macromolecular Research, 2013, 21, 511-518.	2.4	16
54	Enhanced conductivity and thermal stability of conductive polyaniline/graphene composite synthesized by in situ chemical oxidation polymerization with sodium dodecyl sulfate. Synthetic Metals, 2013, 184, 29-34.	3.9	45

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55	Orderly arranged NLO materials on exfoliated layered templates based on dendrons with alternating moieties at the periphery. Polymer Chemistry, 2013, 4, 2747.	3.9	10
56	P-side up AlGaInP-based light emitting diodes with dot-patterned GaAs contact layers. Optics Express, 2013, 21, 19668.	3.4	16
57	Self-assembled clay films with a plateletâ€“void multilayered nanostructure and flame-blocking properties. Scientific Reports, 2013, 3, 2621.	3.3	16
58	In situ synthesis and characterization of conductive polypyrrole/graphene composites with improved solubility and conductivity. Synthetic Metals, 2012, 162, 682-687.	3.9	52
59	Preparation and characterization of melt processed poly(l-lactide)/layered double hydroxide nonocomposites. Composites Part B: Engineering, 2012, 43, 2789-2794.	12.0	23
60	Fabrication of waterâ€soluble polyaniline/poly(ethylene oxide)/carbon nanotube electrospun fibers. Journal of Applied Polymer Science, 2012, 126, E123.	2.6	31
61	Design and preliminary evaluation of an exoskeleton for upper limb resistance training. Frontiers of Mechanical Engineering, 2012, 7, 188-198.	4.3	2
62	Preparation, mechanical properties and thermal stability of poly(l-lactide)/Î³-polyglutamate-modified layered double hydroxide nanocomposites. Polymer Degradation and Stability, 2012, 97, 995-1001.	5.8	32
63	Intercalation of Î³-PGA in Mg/Al layered double hydroxides: An in situ WAXD and FTIR investigation. Applied Clay Science, 2011, 51, 330-334.	5.2	28
64	Conducting and magnetic behaviors of polyaniline coated multi-walled carbon nanotube composites containing monodispersed magnetite nanoparticles. Synthetic Metals, 2011, 161, 937-942.	3.9	24
65	Design of an exoskeleton for strengthening the upper limb muscle for overextension injury prevention. Mechanism and Machine Theory, 2011, 46, 1825-1839.	4.5	30
66	Cytotoxicity and drug release behavior of PNIPAM grafted on silica-coated iron oxide nanoparticles. Journal of Nanoparticle Research, 2011, 13, 5065-5075.	1.9	45
67	Synthesis and characterization of waterâ€soluble polypyrrole/multiâ€walled carbon nanotube composites. Polymer International, 2011, 60, 382-388.	3.1	23
68	Demonstration of continuous supercritical carbon dioxide anti-solvent purification and classification of nano/micro-sized precipitates of algal zeaxanthin from Nannochloropsis oculata. Journal of the Taiwan Institute of Chemical Engineers, 2011, 42, 598-603.	5.3	8
69	Nanostructured Ag surface fabricated by femtosecond laser for surface-enhanced Raman scattering. Journal of Colloid and Interface Science, 2011, 360, 305-308.	9.4	43
70	Effect of layered double hydroxides on the thermal degradation behavior of biodegradable poly(l-lactide) nanocomposites. Polymer Degradation and Stability, 2011, 96, 60-66.	5.8	50
71	Application of continuous supercritical anti-solvents for rapid recrystallization and purification of zeaxanthin dipalmitates from de-glycosides of Lycium barbarum fruits. Journal of Supercritical Fluids, 2011, 57, 155-161.	3.2	14
72	Synthesis and characterization of biodegradable poly(l-lactide)/layered double hydroxide nanocomposites. Composites Science and Technology, 2010, 70, 110-115.	7.8	113

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73	Preparation and Electrochemical Performance of Externally Doped Sulfonated Polyaniline/Multiwalled Carbon Nanotube Composites. Journal of the Electrochemical Society, 2010, 157, K15.	2.9	8
74	Nanoscale organic/inorganic hybrids based on self-organized dendritic macromolecules on montmorillonites. Applied Clay Science, 2010, 48, 103-110.	5.2	20
75	Magnetic properties of hydrophilic iron oxide/polyaniline nanocomposites synthesized by in situ chemical oxidative polymerization. Synthetic Metals, 2010, 160, 1086-1091.	3.9	30
76	Investigation of Light Extraction of InGaN LEDs With Surface-Textured Indium Tin Oxide by Holographic and Natural Lithography. IEEE Journal of Selected Topics in Quantum Electronics, 2009, 15, 1327-1331.	2.9	12
77	Synthesis and characterization of conductive polypyrrole/multi-walled carbon nanotubes composites with improved solubility and conductivity. Composites Science and Technology, 2009, 69, 639-644.	7.8	150
78	Enzymatic degradation kinetics of poly(butylene succinate) nanocomposites. Journal of Polymer Research, 2009, 16, 109-115.	2.4	21
79	Synthesis and characterization of conductive polypyrrole with improved conductivity and processability. Polymer International, 2009, 58, 1065-1070.	3.1	64
80	Isothermal crystallization behavior of polyamide 6,6/multiwalled carbon nanotube nanocomposites. Polymer Engineering and Science, 2009, 49, 2447-2453.	3.1	19
81	Electrochemical deposition of silver nanoparticles in multiwalled carbon nanotube-alumina-coated silica for surface-enhanced Raman scattering-active substrates. Electrochemistry Communications, 2009, 11, 542-545.	4.7	29
82	Silver nanoparticles in multiwalled carbon nanotubeâ€“Nafion for surface-enhanced Raman scattering chemical sensor. Sensors and Actuators B: Chemical, 2009, 138, 5-8.	7.8	37
83	Fabrication, morphology and thermal degradation behaviors of conductive polyaniline coated monodispersed polystyrene particles. Polymer Degradation and Stability, 2009, 94, 550-557.	5.8	23
84	Synthesis and characterization of externally doped sulfonated polyaniline/multi-walled carbon nanotube composites. Composites Science and Technology, 2009, 69, 2559-2565.	7.8	56
85	Orderly Arranged NLO Materials Based on Chromophore-Containing Dendrons on Exfoliated Layered Templates. ACS Applied Materials & Interfaces, 2009, 1, 2371-2381.	8.0	18
86	Side chain dendritic polyurethanes with shape-memory effect. Journal of Materials Chemistry, 2009, 19, 8484.	6.7	33
87	Preparation and characterization of conductive carbon nanotubeâ€“polystyrene nanocomposites using latex technology. Composites Science and Technology, 2008, 68, 2254-2259.	7.8	51
88	Isothermal and nonisothermal crystallization kinetics of nylon 6/functionalized multiâ€walled carbon nanotube composites. Journal of Polymer Science, Part B: Polymer Physics, 2008, 46, 158-169.	2.1	41
89	Synthesis, characterization, and properties of monodispersed magnetite coated multiâ€walled carbon nanotube/polypyrrole nanocomposites synthesized by inâ€situ chemical oxidative polymerization. Journal of Polymer Science, Part B: Polymer Physics, 2008, 46, 727-733.	2.1	21
90	Thermal degradation kinetics of biodegradable poly(3â€hydroxybutyrate)/layered double hydroxide nanocomposites. Journal of Polymer Science, Part B: Polymer Physics, 2008, 46, 1207-1213.	2.1	21

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91	Preparation and characterization of polypyrrole/magnetite nanocomposites synthesized by in situ chemical oxidative polymerization. Journal of Polymer Science, Part B: Polymer Physics, 2008, 46, 1291-1300.	2.1	19
92	Synthesis and characterization of hollow polyaniline microtubes and microbelts with nanostructured walls in sodium dodecyl sulfate micellar solutions. Polymer Engineering and Science, 2008, 48, 823-828.	3.1	10
93	Preparation and characterization of meltâ€processed polycarbonate/multiwalled carbon nanotube composites. Polymer Engineering and Science, 2008, 48, 1369-1375.	3.1	41
94	Water bamboo husk reinforced poly(lactic acid) green composites. Polymer Engineering and Science, 2008, 48, 1833-1839.	3.1	38
95	Optical Nonâ€Linearity from Montmorillonite Intercalated with a Chromophoreâ€Containing Dendritic Structure: A Selfâ€Assembly Approach. Macromolecular Rapid Communications, 2008, 29, 587-592.	3.9	23
96	Preparation and characterization of thermosensitive polymers grafted onto silica-coated iron oxide nanoparticles. Journal of Colloid and Interface Science, 2008, 326, 517-521.	9.4	131
97	Improved Light Extraction in AlGaInP-Based LEDs Using a Roughened Window Layer. Journal of the Electrochemical Society, 2008, 155, H710.	2.9	11
98	Organo-clay hybrids based on dendritic molecules: preparation and characterization. Nanotechnology, 2007, 18, 205606.	2.6	27
99	Dispersion of carbon nanotubes in low pH aqueous solutions by means of alumina-coated silica nanoparticles. Carbon, 2007, 45, 2823-2827.	10.3	30
100	Conducting and magnetic behaviors of monodispersed iron oxide/polypyrrole nanocomposites synthesized by in situ chemical oxidative polymerization. Journal of Polymer Science Part A, 2007, 45, 4647-4655.	2.3	32
101	Nonisothermal crystallization behavior and crystalline structure of poly(3-hydroxybutyrate)/layered double hydroxide nanocomposites. Journal of Polymer Science, Part B: Polymer Physics, 2007, 45, 995-1002.	2.1	33
102	Isothermal crystallization kinetics and thermal behavior of poly(É›-caprolactone)/multi-walled carbon nanotube composites. Polymer Degradation and Stability, 2007, 92, 1009-1015.	5.8	156
103	Preparation and Characterization of New Biodegradable Materials: Poly(Lactic Acid)/Layered Double Hydroxides Nanocomposites. , 2007, , 825-826.		0
104	Crystallization Kinetics and Thermal Behavior of Pcl/Multiwalled Carbon Nanotubes Composites. , 2007, , 823-824.		0
105	Synthesis and montmorillonite-intercalated behavior of dendritic surfactants. Journal of Materials Chemistry, 2006, 16, 2056.	6.7	41
106	Synthesis, Structure, and Catalytic Studies of Mixed Lithiumâ^'Magnesium and Sodiumâ^'Magnesium Complexes:â€‰ Highly Isospecific Initiators for Polymerization of Methyl Methacrylate. Organometallics, 2006, 25, 4144-4149.	2.3	31
107	Isothermal and nonisothermal crystallization kinetics of poly(É›-caprolactone)/multi-walled carbon nanotube composites. Polymer Engineering and Science, 2006, 46, 1309-1317.	3.1	57
108	Synthesis, characterization, and electrical properties of polypyrrole/multiwalled carbon nanotube composites. Journal of Polymer Science Part A, 2006, 44, 6449-6457.	2.3	99

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109	Crystallization behavior of poly(É›-caprolactone)/multiwalled carbon nanotube composites. Journal of Polymer Science, Part B: Polymer Physics, 2006, 44, 598-606.	2.1	109
110	Characterization and electrical properties of polypyrrole/multiwalled carbon nanotube composites synthesized by in situ chemical oxidative polymerization. Journal of Polymer Science, Part B: Polymer Physics, 2006, 44, 1413-1418.	2.1	83
111	Surface characterization and barrier properties of plasma-modified polyethersulfone/layered silicate nanocomposites. Journal of Polymer Science, Part B: Polymer Physics, 2006, 44, 3185-3194.	2.1	10
112	Isothermal crystallization kinetics of poly(3-hydroxybutyrate)/layered double hydroxide nanocomposites. Journal of Polymer Science, Part B: Polymer Physics, 2006, 44, 3337-3347.	2.1	32
113	Biodegradable poly(lactic acid)/chitosan-modified montmorillonite nanocomposites: Preparation and characterization. Polymer Degradation and Stability, 2006, 91, 2198-2204.	5.8	222
114	Doped polyaniline/multi-walled carbon nanotube composites: Preparation, characterization and properties. Polymer, 2006, 47, 3576-3582.	3.8	256
115	Novel Side-Chain Dendritic Polyurethanes Based on Hydrogen Bonding Rich Polyurea/Malonamide Dendrons. Macromolecular Materials and Engineering, 2006, 291, 395-404.	3.6	20
116	Poly(ethylene 2,6-naphthalate)/layered silicate nanocomposites: fabrication, crystallization behavior and properties. Polymer, 2005, 46, 5621-5629.	3.8	39
117	Polyurethane elastomers through multi-hydrogen-bonded association of dendritic structures. Polymer, 2005, 46, 11849-11857.	3.8	72
118	Preparation and characterization of polyaniline/multi-walled carbon nanotube composites. Carbon, 2005, 43, 734-740.	10.3	371
119	Preparation and characterization of thermoplastic vulcanizate/silica nanocomposites. Journal of Applied Polymer Science, 2005, 98, 2058-2063.	2.6	47
120	Surface characterization and properties of plasma-modified cyclic olefin copolymer/layered silicate nanocomposites. Journal of Polymer Science, Part B: Polymer Physics, 2005, 43, 2745-2753.	2.1	18
121	Preparation and characterization of PP/clay nanocomposites based on modified polypropylene and clay. Journal of Polymer Science, Part B: Polymer Physics, 2005, 43, 3242-3254.	2.1	30
122	Fabrication and characterization of biodegradable poly(lactic acid)/layered silicate nanocomposites. Polymer Engineering and Science, 2005, 45, 1615-1621.	3.1	39
123	Effect of Thermal History on the Polymorphic Behavior of Poly(Ethylene 2,6â€Naphthalate)/Clay Nanocomposites. Journal of Macromolecular Science - Physics, 2004, 43, 1171-1182.	1.0	4
124	Isothermal and nonisothermal crystallization kinetics of syndiotactic polystyrene/clay nanocomposites. Polymer Engineering and Science, 2004, 44, 2288-2297.	3.1	47
125	Crystallization behavior and morphology of poly(ethylene-co-trimethylene terephthalate)s. Journal of Polymer Science, Part B: Polymer Physics, 2004, 42, 4255-4271.	2.1	24
126	Isothermal crystallization kinetics and melting behavior of nylon/saponite and nylon/montmorillonite nanocomposites. Journal of Applied Polymer Science, 2004, 94, 2196-2204.	2.6	17

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127	Improvement of interfacial adhesion of Al/Cr films deposited on indium tin oxide coated glasses by interfacial oxidation. Surface and Coatings Technology, 2004, 183, 89-95.	4.8	6
128	Effect of Premelting Temperatures and Molecular Weight on the Crystallization Behavior of Syndiotactic Polystyrene/Montmorillonite Nanocomposites. Journal of Macromolecular Science - Physics, 2004, 43, 329-348.	1.0	1
129	Solvent-Induced Crystallization in Poly(ethylene terephthalate) during Mass Transport:Â Mechanism and Boundary Condition. Macromolecules, 2004, 37, 7719-7723.	4.8	39
130	Morphology and electrical properties of carbon-black-filled poly(?-caprolactone)/poly(vinyl butyral) nanocomposites. Journal of Applied Polymer Science, 2003, 88, 1022-1031.	2.6	12
131	Crystallization and thermoelectric behavior of conductive-filler-filled poly(Îµ-caprolactone)/poly(vinyl) Tj ETQq1 1 0.784314 rgBT /Over	3.8	45
132	Nonisothermal crystallization behavior of syndiotactic polystyrene/montmorillonite nanocomposites. Journal of Polymer Science, Part B: Polymer Physics, 2003, 41, 560-570.	2.1	23
133	Effect of the premelting temperature and sample thickness on the polymorphic behavior of syndiotactic polystyrene/clay nanocomposites. Journal of Polymer Science, Part B: Polymer Physics, 2003, 41, 1730-1738.	2.1	7
134	Enhanced adhesion and thermal stability of Al/Cr film on indium-tin-oxide (ITO)-coated glass. Journal of Adhesion Science and Technology, 2003, 17, 2085-2095.	2.6	5
135	Structural analysis of polyamide/clay nanocomposites. Journal of Macromolecular Science - Physics, 2002, 41, 17-31.	1.0	33
136	Polymorphic behavior of nylon 6/saponite and nylon 6/montmorillonite nanocomposites. Polymer Engineering and Science, 2002, 42, 1141-1150.	3.1	77
137	Crystalline forms in melt-crystallized syndiotactic polystyrene/clay nanocomposites. Polymer Engineering and Science, 2002, 42, 2295-2305.	3.1	9
138	Polymorphic behavior in syndiotactic polystyrene/clay nanocomposites. Journal of Polymer Science, Part B: Polymer Physics, 2002, 40, 736-746.	2.1	29
139	Axial correlation lengths for aromatic copolyesters. Journal of Polymer Science, Part B: Polymer Physics, 2001, 39, 1839-1847.	2.1	0
140	Polymorphism in nylon 6/clay nanocomposites. Macromolecular Chemistry and Physics, 2000, 201, 2820-2825.	2.2	126
141	Crystallization of poly(ethylene terephthalate-co-isophthalate). Journal of Polymer Science, Part B: Polymer Physics, 2000, 38, 2515-2524.	2.1	33
142	Effect of pendent groups on the structure of polyimides. Journal of Polymer Research, 1999, 6, 51-58.	2.4	3
143	Effect of needle density on the mechanical properties of fiber-reinforced polypropylene composites. Journal of Applied Polymer Science, 1999, 73, 2169-2176.	2.6	7
144	Effect of thermal annealing on the structure of Technora and Kevlar polyamide fibers. Journal of Polymer Research, 1997, 4, 25-32.	2.4	5

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145	Comparison of the Axial Correlation Lengths and Paracrystalline Distortion for Technora and Kevlar Aromatic Polyamide Fibers. Macromolecules, 1996, 29, 5621-5627.	4.8	35
146	Effect of draw ratio on the structure of aromatic copolyimide fibers of random monomer sequence. Acta Polymerica, 1995, 46, 261-266.	0.9	6
147	X-ray analysis and molecular modelling of the structure of aromatic copolyimides. Polymer, 1995, 36, 2123-2131.	3.8	30
148	Determination of the Axial Correlation Lengths and Paracrystalline Distortion for Aromatic Copolyimides of Random Monomer Sequence. Macromolecules, 1995, 28, 7349-7354.	4.8	23
149	The Application of Thermosensitive Magnetic Nanoparticles in Drug Delivery. Advanced Materials Research, 0, 47-50, 528-531.	0.3	12