

Tzong-Ming Wu

List of Publications by Year in descending order

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149
papers

4,753
citations

109137

35
h-index

123241

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. <i>Journal of Polymers and the Environment</i> , 2022, 30, 896-906.	2.4	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-co-terephthalate) and Organically Modified Layered Zinc Phenylphosphonate. <i>Journal of Polymers and the Environment</i> , 2022, 14, 492.	2.0	1
3	Facile Synthesis of Polyaniline/Carbon-Coated Hollow Indium Oxide Nanofiber Composite with Highly Sensitive Ammonia Gas Sensor at the Room Temperature. <i>Sensors</i> , 2022, 22, 1570.	2.1	4
4	Synthesis, mechanical properties and enzymatic degradation of biodegradable poly(butylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Td (adipate-co-terephthalate) and Organically Modified Layered Zinc Phenylphosphonate. <i>Journal of Polymers and the Environment</i> , 2021, 29, 755-764.	2.4	3
5	Effect of Storage Conditions on the Thermal Stability and Crystallization Behaviors of Poly(L-Lactide)/Poly(D-Lactide). <i>Polymers</i> , 2021, 13, 238.	2.0	1
6	Role of Organically-Modified Zn-Ti Layered Double Hydroxides in Poly(Butylene Succinate-Co-Adipate) Composites: Enhanced Material Properties and Photodegradation Protection. <i>Polymers</i> , 2021, 13, 2181.	2.0	4
7	Fabrication of polypyrrole/tin oxide/graphene nanoribbon ternary nanocomposite and its high-performance ammonia gas sensing at room temperature. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2021, 272, 115317.	1.7	13
8	Enhanced Photovoltaic Properties of Perovskite Solar Cells by Employing Bathocuproine/Hydrophobic Polymer Films as Hole-Blocking/Electron-Transporting Interfacial Layers. <i>Polymers</i> , 2021, 13, 42.	2.0	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. <i>Polymers</i> , 2021, 13, 3676.	2.0	18
10	Electrochemical determination of dopamine using a conductive polypyrrole/carbon-coated mesoporous silica composite electrode. <i>Journal of Applied Electrochemistry</i> , 2020, 50, 311-319.	1.5	10
11	Crystallization and Enzymatic Degradation of Maleic Acid-Grafted Poly(butylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 347 Td (adipate-co-terephthalate) and Organically Modified Layered Zinc Phenylphosphonate. <i>Journal of Polymers and the Environment</i> , 2020, 28, 834-843.	2.4	11
12	Enhanced Photodegradation Stability in Poly(butylene adipate-co-terephthalate) Composites Using Organically Modified Layered Zinc Phenylphosphonate. <i>Polymers</i> , 2020, 12, 1968.	2.0	7
13	Synthesis, Physical Properties and Enzymatic Degradation of Biodegradable Nanocomposites Fabricated Using Poly(Butylene Carbonate-Co-Terephthalate) and Organically Modified Layered Zinc Phenylphosphonate. <i>Polymers</i> , 2020, 12, 2149.	2.0	2
14	Enzymatic Degradation of Acrylic Acid-Grafted Poly(butylene succinate-co-terephthalate) Nanocomposites Fabricated Using Heat Pressing and Freeze-Drying Techniques. <i>Materials</i> , 2020, 13, 376.	1.3	7
15	Rheology, crystallization behavior, and mechanical properties of poly(butylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 182 Td (adipate-co-terephthalate) and Organically Modified Layered Zinc Phenylphosphonate. <i>Journal of Polymers and the Environment</i> , 2020, 28, 834-843.	2.3	19
16	Synthesis of highly sensitive ammonia gas sensor of polyaniline/graphene nanoribbon/indium oxide composite at room temperature. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 7276-7283.	1.1	19
17	Synthesis and characterization of biodegradable aliphatic-aromatic nanocomposites fabricated using maleic acid-grafted poly[(butylene adipate)-co-(l)-terephthalate] and organically modified layered zinc phenylphosphonate. <i>Polymer International</i> , 2019, 68, 1531-1537.	1.6	19
18	Enhanced photovoltaic properties of perovskite solar cells by the addition of cellulose derivatives to MAPbI3 based photoactive layer. <i>Cellulose</i> , 2019, 26, 9229-9239.	2.4	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. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 8449-8456.	1.1	26
20	Thermal and Mechanical Properties of CO ₂ -Based Biodegradable Poly(cyclohexene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td (carbon Polymers and the Environment, 2019, 27, 1065-1070.	2.4	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.	2.6	16
22	Crystallization Behavior and Morphology of Hexadecylamine-Modified Layered Zinc Phenylphosphonate and Poly(Butylene Succinate-co-Adipate) Composites with Controllable Biodegradation Rates. <i>Journal of Polymers and the Environment</i> , 2019, 27, 10-18.	2.4	9
23	Crystallisation and spherulite morphology of polylactide stereocomplex. <i>Polymer International</i> , 2019, 68, 141-150.	1.6	12
24	The production of poly(3-hydroxybutyrate) by thermophilic <i>Caldimonas manganoxidans</i> from glycerol. <i>Journal of Polymer Research</i> , 2018, 25, 1.	1.2	12
25	Co-expression of ORF_{<i>Cma</i>} with PHB Depolymerase (PhaZ_{<i>Cma</i>}) in <i>Escherichia coli</i> Induces Efficient Whole-Cell Biodegradation of Polyesters. <i>Biotechnology Journal</i> , 2018, 13, e1700560.	1.8	7
26	AlGaInP Red LEDs with Hollow Hemispherical Polystyrene Arrays. <i>Scientific Reports</i> , 2018, 8, 911.	1.6	9
27	Facile synthesis of polypyrrole/carbon-coated MoO ₃ nanoparticle/graphene nanoribbon nanocomposite with high-capacitance applied in supercapacitor electrode. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 382-391.	1.1	18
28	Muscle Activation Levels During Upper Limb Exercise Performed Using Dumbbells and A Spring-Loaded Exoskeleton. <i>Journal of Medical and Biological Engineering</i> , 2017, 37, 345-356.	1.0	3
29	Thermal degradation behaviors and biodegradability of novel nanocomposites based on various poly[(butylene succinate)-co-adipate] and modified layered double hydroxides. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2017, 77, 263-270.	2.7	13
30	Enhanced enzymatic degradation in nanocomposites of various organically-modified layered zinc phenylphosphonates and poly (butylene succinate-co-adipate). <i>Journal of Polymer Research</i> , 2017, 24, 1.	1.2	3
31	The influence of support structures on cell immobilization and acetone-butanol-ethanol (ABE) fermentation performance. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2017, 78, 27-31.	2.7	7
32	Assessment of Acidified Fibrous Immobilization Materials for Improving Acetone-Butanol-Ethanol (ABE) Fermentation. <i>Fermentation</i> , 2017, 3, 3.	1.4	8
33	Dispersion of Titanium Oxide Nanoparticles in Aqueous Solution with Anionic Stabilizer via Ultrasonic Wave. <i>Journal of Nanoparticles</i> , 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. <i>Materials</i> , 2016, 9, 159.	1.3	15
35	The Feasibility of Thermophilic <i>Caldimonas manganoxidans</i> as a Platform for Efficient PHB Production. <i>Applied Biochemistry and Biotechnology</i> , 2016, 180, 852-871.	1.4	15
36	Crystallization behaviors and microstructures of poly(butylene succinate-co-adipate)/modified layered double hydroxide nanocomposites. <i>Journal of Materials Science</i> , 2016, 51, 4021-4030.	1.7	19

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37	Poypyrrole/molybdenum trioxide/graphene nanoribbon ternary nanocomposite with enhanced capacitive performance as an electrode for supercapacitor. <i>Journal of Solid State Electrochemistry</i> , 2016, 20, 691-698.	1.2	14
38	Polymorphism and spherulite morphology of poly(1,4-butylene adipate)/organically modified layered double hydroxide nanocomposites. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	7
39	Thermal properties and degradation behavior of poly(1,4-butylene adipate)/modified layered double hydroxide nanocomposites. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	2
40	Thermal Stability and Magnetic Properties of Polyvinylidene Fluoride/Magnetite Nanocomposites. <i>Materials</i> , 2015, 8, 4553-4564.	1.3	70
41	Electrochemical characteristics of graphene nanoribbon/polypyrrole composite prepared via oxidation polymerization in the presence of poly-(sodium 4-styrenesulfonate). <i>Materials Chemistry and Physics</i> , 2015, 161, 265-270.	2.0	8
42	Organically modified layered zinc phenylphosphonate reinforced stereocomplex-type poly(lactic acid) nanocomposites with highly enhanced mechanical properties and degradability. <i>Journal of Materials Science</i> , 2015, 50, 7770-7778.	1.7	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. <i>Polymer Degradation and Stability</i> , 2015, 121, 230-237.	2.7	22
44	Enhanced piezoelectric and mechanical properties of electroactive polyvinylidene fluoride/iron oxide composites. <i>Materials Chemistry and Physics</i> , 2015, 149-150, 172-178.	2.0	27
45	Biomechanical study of upper-limb exoskeleton for resistance training with three-dimensional motion analysis system. <i>Journal of Rehabilitation Research and Development</i> , 2014, 51, 111-126.	1.6	9
46	Enhanced piezoelectric responses and crystalline arrangement of electroactive polyvinylidene fluoride/magnetite nanocomposites. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	1.3	5
47	The morphology and degradation behavior of electrospun poly(3-hydroxybutyrate)/Magnetite and poly(3-hydroxybutyrate-co-3-hydroxyvalerate)/Magnetite composites. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	1.3	19
48	Crystallization Kinetics of Poly(1,4-butylene adipate) with Stereocomplexed Poly(lactic acid) Serving as a Nucleation Agent. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 16689-16695.	1.8	28
49	Enhanced capacitance of one-dimensional polypyrrole/graphene oxide nanoribbon nanocomposite as electrode material for high performance supercapacitors. <i>Synthetic Metals</i> , 2014, 198, 188-195.	2.1	12
50	The effect of poly(propylene glycol) on the formation of lyotropic liquid crystalline phases of amphiphiles containing glycerol head groups. <i>Journal of Molecular Liquids</i> , 2014, 199, 190-195.	2.3	1
51	Encapsulation of propolis flavonoids in a water soluble polymer using pressurized carbon dioxide anti-solvent crystallization. <i>Journal of Supercritical Fluids</i> , 2014, 94, 138-146.	1.6	12
52	Morphology and degradation behavior of poly(3-hydroxybutyrate-co-3-hydroxyvalerate)/layered double hydroxides composites. <i>European Polymer Journal</i> , 2014, 59, 136-143.	2.6	28
53	In vitro evaluation of the thermosensitive and magnetic nanoparticles for the controlled drug delivery of vitamin D3. <i>Macromolecular Research</i> , 2013, 21, 511-518.	1.0	16
54	Enhanced conductivity and thermal stability of conductive polyaniline/graphene composite synthesized by in situ chemical oxidation polymerization with sodium dodecyl sulfate. <i>Synthetic Metals</i> , 2013, 184, 29-34.	2.1	45

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55	Orderly arranged NLO materials on exfoliated layered templates based on dendrons with alternating moieties at the periphery. <i>Polymer Chemistry</i> , 2013, 4, 2747.	1.9	10
56	P-side up AlGaInP-based light emitting diodes with dot-patterned GaAs contact layers. <i>Optics Express</i> , 2013, 21, 19668.	1.7	16
57	Self-assembled clay films with a platelet-void multilayered nanostructure and flame-blocking properties. <i>Scientific Reports</i> , 2013, 3, 2621.	1.6	16
58	In situ synthesis and characterization of conductive polypyrrole/graphene composites with improved solubility and conductivity. <i>Synthetic Metals</i> , 2012, 162, 682-687.	2.1	52
59	Preparation and characterization of melt processed poly(l-lactide)/layered double hydroxide nanocomposites. <i>Composites Part B: Engineering</i> , 2012, 43, 2789-2794.	5.9	23
60	Fabrication of water-soluble polyaniline/poly(ethylene oxide)/carbon nanotube electrospun fibers. <i>Journal of Applied Polymer Science</i> , 2012, 126, E123.	1.3	31
61	Design and preliminary evaluation of an exoskeleton for upper limb resistance training. <i>Frontiers of Mechanical Engineering</i> , 2012, 7, 188-198.	2.5	2
62	Preparation, mechanical properties and thermal stability of poly(l-lactide)/ β -polyglutamate-modified layered double hydroxide nanocomposites. <i>Polymer Degradation and Stability</i> , 2012, 97, 995-1001.	2.7	32
63	Intercalation of β -PGA in Mg/Al layered double hydroxides: An in situ WAXD and FTIR investigation. <i>Applied Clay Science</i> , 2011, 51, 330-334.	2.6	28
64	Conducting and magnetic behaviors of polyaniline coated multi-walled carbon nanotube composites containing monodispersed magnetite nanoparticles. <i>Synthetic Metals</i> , 2011, 161, 937-942.	2.1	24
65	Design of an exoskeleton for strengthening the upper limb muscle for overextension injury prevention. <i>Mechanism and Machine Theory</i> , 2011, 46, 1825-1839.	2.7	30
66	Cytotoxicity and drug release behavior of PNIPAM grafted on silica-coated iron oxide nanoparticles. <i>Journal of Nanoparticle Research</i> , 2011, 13, 5065-5075.	0.8	45
67	Synthesis and characterization of water-soluble polypyrrole/multi-walled carbon nanotube composites. <i>Polymer International</i> , 2011, 60, 382-388.	1.6	23
68	Demonstration of continuous supercritical carbon dioxide anti-solvent purification and classification of nano/micro-sized precipitates of algal zeaxanthin from <i>Nannochloropsis oculata</i> . <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2011, 42, 598-603.	2.7	8
69	Nanostructured Ag surface fabricated by femtosecond laser for surface-enhanced Raman scattering. <i>Journal of Colloid and Interface Science</i> , 2011, 360, 305-308.	5.0	43
70	Effect of layered double hydroxides on the thermal degradation behavior of biodegradable poly(l-lactide) nanocomposites. <i>Polymer Degradation and Stability</i> , 2011, 96, 60-66.	2.7	50
71	Application of continuous supercritical anti-solvents for rapid recrystallization and purification of zeaxanthin dipalmitates from de-glycosides of <i>Lycium barbarum</i> fruits. <i>Journal of Supercritical Fluids</i> , 2011, 57, 155-161.	1.6	14
72	Synthesis and characterization of biodegradable poly(l-lactide)/layered double hydroxide nanocomposites. <i>Composites Science and Technology</i> , 2010, 70, 110-115.	3.8	113

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73	Preparation and Electrochemical Performance of Externally Doped Sulfonated Polyaniline/Multiwalled Carbon Nanotube Composites. <i>Journal of the Electrochemical Society</i> , 2010, 157, K15.	1.3	8
74	Nanoscale organic/inorganic hybrids based on self-organized dendritic macromolecules on montmorillonites. <i>Applied Clay Science</i> , 2010, 48, 103-110.	2.6	20
75	Magnetic properties of hydrophilic iron oxide/polyaniline nanocomposites synthesized by in situ chemical oxidative polymerization. <i>Synthetic Metals</i> , 2010, 160, 1086-1091.	2.1	30
76	Investigation of Light Extraction of InGaN LEDs With Surface-Textured Indium Tin Oxide by Holographic and Natural Lithography. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2009, 15, 1327-1331.	1.9	12
77	Synthesis and characterization of conductive polypyrrole/multi-walled carbon nanotubes composites with improved solubility and conductivity. <i>Composites Science and Technology</i> , 2009, 69, 639-644.	3.8	150
78	Enzymatic degradation kinetics of poly(butylene succinate) nanocomposites. <i>Journal of Polymer Research</i> , 2009, 16, 109-115.	1.2	21
79	Synthesis and characterization of conductive polypyrrole with improved conductivity and processability. <i>Polymer International</i> , 2009, 58, 1065-1070.	1.6	64
80	Isothermal crystallization behavior of polyamide 6,6/multiwalled carbon nanotube nanocomposites. <i>Polymer Engineering and Science</i> , 2009, 49, 2447-2453.	1.5	19
81	Electrochemical deposition of silver nanoparticles in multiwalled carbon nanotube-alumina-coated silica for surface-enhanced Raman scattering-active substrates. <i>Electrochemistry Communications</i> , 2009, 11, 542-545.	2.3	29
82	Silver nanoparticles in multiwalled carbon nanotubeâ€Nafion for surface-enhanced Raman scattering chemical sensor. <i>Sensors and Actuators B: Chemical</i> , 2009, 138, 5-8.	4.0	37
83	Fabrication, morphology and thermal degradation behaviors of conductive polyaniline coated monodispersed polystyrene particles. <i>Polymer Degradation and Stability</i> , 2009, 94, 550-557.	2.7	23
84	Synthesis and characterization of externally doped sulfonated polyaniline/multi-walled carbon nanotube composites. <i>Composites Science and Technology</i> , 2009, 69, 2559-2565.	3.8	56
85	Orderly Arranged NLO Materials Based on Chromophore-Containing Dendrons on Exfoliated Layered Templates. <i>ACS Applied Materials & Interfaces</i> , 2009, 1, 2371-2381.	4.0	18
86	Side chain dendritic polyurethanes with shape-memory effect. <i>Journal of Materials Chemistry</i> , 2009, 19, 8484.	6.7	33
87	Preparation and characterization of conductive carbon nanotubeâ€polystyrene nanocomposites using latex technology. <i>Composites Science and Technology</i> , 2008, 68, 2254-2259.	3.8	51
88	Isothermal and nonisothermal crystallization kinetics of nylon 6/functionalized multiâ€walled carbon nanotube composites. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2008, 46, 158-169.	2.4	41
89	Synthesis, characterization, and properties of monodispersed magnetite coated multiâ€walled carbon nanotube/polypyrrole nanocomposites synthesized by <i>in situ</i> chemical oxidative polymerization. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2008, 46, 727-733.	2.4	21
90	Thermal degradation kinetics of biodegradable poly(3â€hydroxybutyrate)/layered double hydroxide nanocomposites. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2008, 46, 1207-1213.	2.4	21

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91	Preparation and characterization of polypyrrole/magnetite nanocomposites synthesized by <i>in situ</i> chemical oxidative polymerization. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2008, 46, 1291-1300.	2.4	19
92	Synthesis and characterization of hollow polyaniline microtubes and microbelts with nanostructured walls in sodium dodecyl sulfate micellar solutions. <i>Polymer Engineering and Science</i> , 2008, 48, 823-828.	1.5	10
93	Preparation and characterization of melt-processed polycarbonate/multiwalled carbon nanotube composites. <i>Polymer Engineering and Science</i> , 2008, 48, 1369-1375.	1.5	41
94	Water bamboo husk reinforced poly(lactic acid) green composites. <i>Polymer Engineering and Science</i> , 2008, 48, 1833-1839.	1.5	38
95	Optical Nonlinearity from Montmorillonite Intercalated with a Chromophore-Containing Dendritic Structure: A Self-Assembly Approach. <i>Macromolecular Rapid Communications</i> , 2008, 29, 587-592.	2.0	23
96	Preparation and characterization of thermosensitive polymers grafted onto silica-coated iron oxide nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2008, 326, 517-521.	5.0	131
97	Improved Light Extraction in AlGaInP-Based LEDs Using a Roughened Window Layer. <i>Journal of the Electrochemical Society</i> , 2008, 155, H710.	1.3	11
98	Organo-clay hybrids based on dendritic molecules: preparation and characterization. <i>Nanotechnology</i> , 2007, 18, 205606.	1.3	27
99	Dispersion of carbon nanotubes in low pH aqueous solutions by means of alumina-coated silica nanoparticles. <i>Carbon</i> , 2007, 45, 2823-2827.	5.4	30
100	Conducting and magnetic behaviors of monodispersed iron oxide/polypyrrole nanocomposites synthesized by <i>in situ</i> chemical oxidative polymerization. <i>Journal of Polymer Science Part A</i> , 2007, 45, 4647-4655.	2.5	32
101	Nonisothermal crystallization behavior and crystalline structure of poly(3-hydroxybutyrate)/layered double hydroxide nanocomposites. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2007, 45, 995-1002.	2.4	33
102	Isothermal crystallization kinetics and thermal behavior of poly(ϵ -caprolactone)/multi-walled carbon nanotube composites. <i>Polymer Degradation and Stability</i> , 2007, 92, 1009-1015.	2.7	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. <i>Journal of Materials Chemistry</i> , 2006, 16, 2056.	6.7	41
106	Synthesis, Structure, and Catalytic Studies of Mixed Lithium ⁺ Magnesium and Sodium ⁺ Magnesium Complexes: Highly Isospecific Initiators for Polymerization of Methyl Methacrylate. <i>Organometallics</i> , 2006, 25, 4144-4149.	1.1	31
107	Isothermal and nonisothermal crystallization kinetics of poly(ϵ -caprolactone)/multi-walled carbon nanotube composites. <i>Polymer Engineering and Science</i> , 2006, 46, 1309-1317.	1.5	57
108	Synthesis, characterization, and electrical properties of polypyrrole/multiwalled carbon nanotube composites. <i>Journal of Polymer Science Part A</i> , 2006, 44, 6449-6457.	2.5	99

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109	Crystallization behavior of poly(ϵ -caprolactone)/multiwalled carbon nanotube composites. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2006, 44, 598-606.	2.4	109
110	Characterization and electrical properties of polypyrrole/multiwalled carbon nanotube composites synthesized by in situ chemical oxidative polymerization. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2006, 44, 1413-1418.	2.4	83
111	Surface characterization and barrier properties of plasma-modified polyethersulfone/layered silicate nanocomposites. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2006, 44, 3185-3194.	2.4	10
112	Isothermal crystallization kinetics of poly(3-hydroxybutyrate)/layered double hydroxide nanocomposites. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2006, 44, 3337-3347.	2.4	32
113	Biodegradable poly(lactic acid)/chitosan-modified montmorillonite nanocomposites: Preparation and characterization. <i>Polymer Degradation and Stability</i> , 2006, 91, 2198-2204.	2.7	222
114	Doped polyaniline/multi-walled carbon nanotube composites: Preparation, characterization and properties. <i>Polymer</i> , 2006, 47, 3576-3582.	1.8	256
115	Novel Side-Chain Dendritic Polyurethanes Based on Hydrogen Bonding Rich Polyurea/Malonamide Dendrons. <i>Macromolecular Materials and Engineering</i> , 2006, 291, 395-404.	1.7	20
116	Poly(ethylene 2,6-naphthalate)/layered silicate nanocomposites: fabrication, crystallization behavior and properties. <i>Polymer</i> , 2005, 46, 5621-5629.	1.8	39
117	Polyurethane elastomers through multi-hydrogen-bonded association of dendritic structures. <i>Polymer</i> , 2005, 46, 11849-11857.	1.8	72
118	Preparation and characterization of polyaniline/multi-walled carbon nanotube composites. <i>Carbon</i> , 2005, 43, 734-740.	5.4	371
119	Preparation and characterization of thermoplastic vulcanizate/silica nanocomposites. <i>Journal of Applied Polymer Science</i> , 2005, 98, 2058-2063.	1.3	47
120	Surface characterization and properties of plasma-modified cyclic olefin copolymer/layered silicate nanocomposites. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2005, 43, 2745-2753.	2.4	18
121	Preparation and characterization of PP/clay nanocomposites based on modified polypropylene and clay. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2005, 43, 3242-3254.	2.4	30
122	Fabrication and characterization of biodegradable poly(lactic acid)/layered silicate nanocomposites. <i>Polymer Engineering and Science</i> , 2005, 45, 1615-1621.	1.5	39
123	Effect of Thermal History on the Polymorphic Behavior of Poly(Ethylene 2,6-Naphthalate)/Clay Nanocomposites. <i>Journal of Macromolecular Science - Physics</i> , 2004, 43, 1171-1182.	0.4	4
124	Isothermal and nonisothermal crystallization kinetics of syndiotactic polystyrene/clay nanocomposites. <i>Polymer Engineering and Science</i> , 2004, 44, 2288-2297.	1.5	47
125	Crystallization behavior and morphology of poly(ethylene-co-trimethylene terephthalate)s. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2004, 42, 4255-4271.	2.4	24
126	Isothermal crystallization kinetics and melting behavior of nylon/saponite and nylon/montmorillonite nanocomposites. <i>Journal of Applied Polymer Science</i> , 2004, 94, 2196-2204.	1.3	17

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127	Improvement of interfacial adhesion of Al/Cr films deposited on indium tin oxide coated glasses by interfacial oxidation. <i>Surface and Coatings Technology</i> , 2004, 183, 89-95.	2.2	6
128	Effect of Premelting Temperatures and Molecular Weight on the Crystallization Behavior of Syndiotactic Polystyrene/Montmorillonite Nanocomposites. <i>Journal of Macromolecular Science - Physics</i> , 2004, 43, 329-348.	0.4	1
129	Solvent-Induced Crystallization in Poly(ethylene terephthalate) during Mass Transport: A Mechanism and Boundary Condition. <i>Macromolecules</i> , 2004, 37, 7719-7723.	2.2	39
130	Morphology and electrical properties of carbon-black-filled poly(ϵ -caprolactone)/poly(vinyl butyral) nanocomposites. <i>Journal of Applied Polymer Science</i> , 2003, 88, 1022-1031.	1.3	12
131	Crystallization and thermoelectric behavior of conductive-filler-filled poly(μ -caprolactone)/poly(vinyl Tj ETQq1 1 0.784314 rgBT /Overlo	1.8	45
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