

# Tzong-Ming Wu

## List of Publications by Year in descending order

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149  
papers

4,753  
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109137

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152  
all docs

152  
docs citations

152  
times ranked

5535  
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation and characterization of polyaniline/multi-walled carbon nanotube composites. Carbon, 2005, 43, 734-740.	5.4	371
2	Doped polyaniline/multi-walled carbon nanotube composites: Preparation, characterization and properties. Polymer, 2006, 47, 3576-3582.	1.8	256
3	Biodegradable poly(lactic acid)/chitosan-modified montmorillonite nanocomposites: Preparation and characterization. Polymer Degradation and Stability, 2006, 91, 2198-2204.	2.7	222
4	Isothermal crystallization kinetics and thermal behavior of poly( $\epsilon$ -caprolactone)/multi-walled carbon nanotube composites. Polymer Degradation and Stability, 2007, 92, 1009-1015.	2.7	156
5	Synthesis and characterization of conductive polypyrrole/multi-walled carbon nanotubes composites with improved solubility and conductivity. Composites Science and Technology, 2009, 69, 639-644.	3.8	150
6	Preparation and characterization of thermosensitive polymers grafted onto silica-coated iron oxide nanoparticles. Journal of Colloid and Interface Science, 2008, 326, 517-521.	5.0	131
7	Polymorphism in nylon 6/clay nanocomposites. Macromolecular Chemistry and Physics, 2000, 201, 2820-2825.	1.1	126
8	Synthesis and characterization of biodegradable poly(L-lactide)/layered double hydroxide nanocomposites. Composites Science and Technology, 2010, 70, 110-115.	3.8	113
9	Crystallization behavior of poly( $\epsilon$ -caprolactone)/multiwalled carbon nanotube composites. Journal of Polymer Science, Part B: Polymer Physics, 2006, 44, 598-606.	2.4	109
10	Synthesis, characterization, and electrical properties of polypyrrole/multiwalled carbon nanotube composites. Journal of Polymer Science Part A, 2006, 44, 6449-6457.	2.5	99
11	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.	2.4	83
12	Polymorphic behavior of nylon 6/saponite and nylon 6/montmorillonite nanocomposites. Polymer Engineering and Science, 2002, 42, 1141-1150.	1.5	77
13	Polyurethane elastomers through multi-hydrogen-bonded association of dendritic structures. Polymer, 2005, 46, 11849-11857.	1.8	72
14	Thermal Stability and Magnetic Properties of Polyvinylidene Fluoride/Magnetite Nanocomposites. Materials, 2015, 8, 4553-4564.	1.3	70
15	Synthesis and characterization of conductive polypyrrole with improved conductivity and processability. Polymer International, 2009, 58, 1065-1070.	1.6	64
16	Isothermal and nonisothermal crystallization kinetics of poly( $\epsilon$ -caprolactone)/multi-walled carbon nanotube composites. Polymer Engineering and Science, 2006, 46, 1309-1317.	1.5	57
17	Synthesis and characterization of externally doped sulfonated polyaniline/multi-walled carbon nanotube composites. Composites Science and Technology, 2009, 69, 2559-2565.	3.8	56
18	In situ synthesis and characterization of conductive polypyrrole/graphene composites with improved solubility and conductivity. Synthetic Metals, 2012, 162, 682-687.	2.1	52

#	ARTICLE	IF	CITATIONS
19	Preparation and characterization of conductive carbon nanotube/polystyrene nanocomposites using latex technology. <i>Composites Science and Technology</i> , 2008, 68, 2254-2259.	3.8	51
20	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
21	Isothermal and nonisothermal crystallization kinetics of syndiotactic polystyrene/clay nanocomposites. <i>Polymer Engineering and Science</i> , 2004, 44, 2288-2297.	1.5	47
22	Preparation and characterization of thermoplastic vulcanizate/silica nanocomposites. <i>Journal of Applied Polymer Science</i> , 2005, 98, 2058-2063.	1.3	47
23	Crystallization and thermoelectric behavior of conductive-filler-filled poly( $\mu$ -caprolactone)/poly(vinyl Tj ETQq1 1 0.784314 rgBT /Overlo	1.8	45
24	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
25	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
26	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
27	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
28	Synthesis and montmorillonite-intercalated behavior of dendritic surfactants. <i>Journal of Materials Chemistry</i> , 2006, 16, 2056.	6.7	41
29	Isothermal and nonisothermal crystallization kinetics of nylon 6/functionalized multiwalled carbon nanotube composites. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2008, 46, 158-169.	2.4	41
30	Preparation and characterization of melt-processed polycarbonate/multiwalled carbon nanotube composites. <i>Polymer Engineering and Science</i> , 2008, 48, 1369-1375.	1.5	41
31	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
32	Poly(ethylene 2,6-naphthalate)/layered silicate nanocomposites: fabrication, crystallization behavior and properties. <i>Polymer</i> , 2005, 46, 5621-5629.	1.8	39
33	Fabrication and characterization of biodegradable poly(lactic acid)/layered silicate nanocomposites. <i>Polymer Engineering and Science</i> , 2005, 45, 1615-1621.	1.5	39
34	Water bamboo husk reinforced poly(lactic acid) green composites. <i>Polymer Engineering and Science</i> , 2008, 48, 1833-1839.	1.5	38
35	Silver nanoparticles in multiwalled carbon nanotube/Nafion for surface-enhanced Raman scattering chemical sensor. <i>Sensors and Actuators B: Chemical</i> , 2009, 138, 5-8.	4.0	37
36	Comparison of the Axial Correlation Lengths and Paracrystalline Distortion for Technora and Kevlar Aromatic Polyamide Fibers. <i>Macromolecules</i> , 1996, 29, 5621-5627.	2.2	35

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37	Crystallization of poly(ethylene terephthalate-co-isophthalate). <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2000, 38, 2515-2524.	2.4	33
38	Structural analysis of polyamide/clay nanocomposites. <i>Journal of Macromolecular Science - Physics</i> , 2002, 41, 17-31.	0.4	33
39	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
40	Side chain dendritic polyurethanes with shape-memory effect. <i>Journal of Materials Chemistry</i> , 2009, 19, 8484.	6.7	33
41	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
42	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
43	Preparation, mechanical properties and thermal stability of poly(L-lactide)/ $\beta$ -polyglutamate-modified layered double hydroxide nanocomposites. <i>Polymer Degradation and Stability</i> , 2012, 97, 995-1001.	2.7	32
44	Synthesis, Structure, and Catalytic Studies of Mixed Lithium <sup>+</sup> Magnesium and Sodium <sup>+</sup> Magnesium Complexes: Highly Isospecific Initiators for Polymerization of Methyl Methacrylate. <i>Organometallics</i> , 2006, 25, 4144-4149.	1.1	31
45	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
46	X-ray analysis and molecular modelling of the structure of aromatic copolyimides. <i>Polymer</i> , 1995, 36, 2123-2131.	1.8	30
47	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
48	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
49	Magnetic properties of hydrophilic iron oxide/polyaniline nanocomposites synthesized by <i>in situ</i> chemical oxidative polymerization. <i>Synthetic Metals</i> , 2010, 160, 1086-1091.	2.1	30
50	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
51	Polymorphic behavior in syndiotactic polystyrene/clay nanocomposites. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2002, 40, 736-746.	2.4	29
52	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
53	Intercalation of $\beta$ -PGA in Mg/Al layered double hydroxides: An <i>in situ</i> WAXD and FTIR investigation. <i>Applied Clay Science</i> , 2011, 51, 330-334.	2.6	28
54	Crystallization Kinetics of Poly(1,4-butylene adipate) with Stereocomplexed Poly(lactic acid) Serving as a Nucleation Agent. <i>Industrial &amp; Engineering Chemistry Research</i> , 2014, 53, 16689-16695.	1.8	28

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55	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
56	Organo-clay hybrids based on dendritic molecules: preparation and characterization. <i>Nanotechnology</i> , 2007, 18, 205606.	1.3	27
57	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
58	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
59	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
60	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
61	Determination of the Axial Correlation Lengths and Paracrystalline Distortion for Aromatic Copolyimides of Random Monomer Sequence. <i>Macromolecules</i> , 1995, 28, 7349-7354.	2.2	23
62	Nonisothermal crystallization behavior of syndiotactic polystyrene/montmorillonite nanocomposites. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2003, 41, 560-570.	2.4	23
63	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
64	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
65	Synthesis and characterization of water-soluble polypyrrole/multi-walled carbon nanotube composites. <i>Polymer International</i> , 2011, 60, 382-388.	1.6	23
66	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
67	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
68	Synthesis, characterization, and properties of monodispersed magnetite coated multi-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
69	Thermal degradation kinetics of biodegradable poly(3-hydroxybutyrate)/layered double hydroxide nanocomposites. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2008, 46, 1207-1213.	2.4	21
70	Enzymatic degradation kinetics of poly(butylene succinate) nanocomposites. <i>Journal of Polymer Research</i> , 2009, 16, 109-115.	1.2	21
71	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
72	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

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73	Nanoscale organic/inorganic hybrids based on self-organized dendritic macromolecules on montmorillonites. <i>Applied Clay Science</i> , 2010, 48, 103-110.	2.6	20
74	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
75	Isothermal crystallization behavior of polyamide 6,6/multiwalled carbon nanotube nanocomposites. <i>Polymer Engineering and Science</i> , 2009, 49, 2447-2453.	1.5	19
76	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
77	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
78	Synthesis and characterization of biodegradable aliphatic-aromatic nanocomposites fabricated using maleic acid-grafted poly[(butylene adipate)-co-(terephthalate)] and organically modified layered zinc phenylphosphonate. <i>Polymer International</i> , 2019, 68, 1531-1537.	1.6	19
79	Rheology, crystallization behavior, and mechanical properties of poly(butylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 502 Td (st	2.3	19
80	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
81	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
82	Orderly Arranged NLO Materials Based on Chromophore-Containing Dendrons on Exfoliated Layered Templates. <i>ACS Applied Materials &amp; Interfaces</i> , 2009, 1, 2371-2381.	4.0	18
83	Facile synthesis of polypyrrole/carbon-coated MoO <sub>3</sub> 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
84	Enhanced photovoltaic properties of perovskite solar cells by the addition of cellulose derivatives to MAPbI <sub>3</sub> based photoactive layer. <i>Cellulose</i> , 2019, 26, 9229-9239.	2.4	18
85	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
86	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
87	In vitro evaluation of the thermosensitive and magnetic nanoparticles for the controlled drug delivery of vitamin D <sub>3</sub> . <i>Macromolecular Research</i> , 2013, 21, 511-518.	1.0	16
88	P-side up AlGaInP-based light emitting diodes with dot-patterned GaAs contact layers. <i>Optics Express</i> , 2013, 21, 19668.	1.7	16
89	Self-assembled clay films with a platelet-void multilayered nanostructure and flame-blocking properties. <i>Scientific Reports</i> , 2013, 3, 2621.	1.6	16
90	Synthesis, mechanical properties and biodegradation of various acrylic acid-grafted poly(butylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 502 Td (st European Polymer Journal, 2019, 116, 1-8.	2.6	16

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91	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
92	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
93	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
94	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
95	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
96	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
97	Morphology and electrical properties of carbon-black-filled poly( $\epsilon$ -caprolactone)/poly(vinyl butyral) nanocomposites. <i>Journal of Applied Polymer Science</i> , 2003, 88, 1022-1031.	1.3	12
98	The Application of Thermosensitive Magnetic Nanoparticles in Drug Delivery. <i>Advanced Materials Research</i> , 0, 47-50, 528-531.	0.3	12
99	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
100	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
101	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
102	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
103	Crystallisation and spherulite morphology of polylactide stereocomplex. <i>Polymer International</i> , 2019, 68, 141-150.	1.6	12
104	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
105	Crystallization and Enzymatic Degradation of Maleic Acid-Grafted Poly(butylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 187 Td <i>Journal of Polymers and the Environment</i> , 2020, 28, 834-843.	2.4	11
106	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
107	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
108	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

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109	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
110	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
111	Crystalline forms in melt-crystallized syndiotactic polystyrene/clay nanocomposites. <i>Polymer Engineering and Science</i> , 2002, 42, 2295-2305.	1.5	9
112	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
113	AlGaInP Red LEDs with Hollow Hemispherical Polystyrene Arrays. <i>Scientific Reports</i> , 2018, 8, 911.	1.6	9
114	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
115	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
116	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
117	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
118	Assessment of Acidified Fibrous Immobilization Materials for Improving Acetone-Butanol-Ethanol (ABE) Fermentation. <i>Fermentation</i> , 2017, 3, 3.	1.4	8
119	Effect of needle density on the mechanical properties of fiber-reinforced polypropylene composites. <i>Journal of Applied Polymer Science</i> , 1999, 73, 2169-2176.	1.3	7
120	Effect of the premelting temperature and sample thickness on the polymorphic behavior of syndiotactic polystyrene/clay nanocomposites. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2003, 41, 1730-1738.	2.4	7
121	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
122	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
123	Co-expression of ORF <sub>Cma</sub> with PHB Depolymerase (PhaZ <sub>Cma</sub> ) in <i>Escherichia coli</i> Induces Efficient Whole-Cell Biodegradation of Polyesters. <i>Biotechnology Journal</i> , 2018, 13, e1700560.	1.8	7
124	Thermal and Mechanical Properties of CO <sub>2</sub> -Based Biodegradable Poly(cyclohexene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 Td (carbon <i>Polymers and the Environment</i> , 2019, 27, 1065-1070.	2.4	7
125	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
126	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



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127	Effect of draw ratio on the structure of aromatic copolyimide fibers of random monomer sequence. <i>Acta Polymerica</i> , 1995, 46, 261-266.	1.4	6
128	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
129	Effect of thermal annealing on the structure of Technora and Kevlar polyamide fibers. <i>Journal of Polymer Research</i> , 1997, 4, 25-32.	1.2	5
130	Enhanced adhesion and thermal stability of Al/Cr film on indium-tin-oxide (ITO)-coated glass. <i>Journal of Adhesion Science and Technology</i> , 2003, 17, 2085-2095.	1.4	5
131	Enhanced piezoelectric responses and crystalline arrangement of electroactive polyvinylidene fluoride/magnetite nanocomposites. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	1.3	5
132	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
133	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
134	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
135	Effect of pendent groups on the structure of polyimides. <i>Journal of Polymer Research</i> , 1999, 6, 51-58.	1.2	3
136	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
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