Syang-Peng Rwei

List of Publications by Year
in descending order

134	2,291	236612 25	329751 37
papers	citations	h-index	g-index

134	134	134	3250
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Optically transparent bioâ€based polyamides with microcellular foaming properties derived from renewable difunctional aminoamides. Journal of Applied Polymer Science, 2022, 139, 51461.	1.3	3
2	Synthesis and characterization of trace aromatic copolyamide 6 with tunable mechanical and viscoelastic behavior. Journal of Applied Polymer Science, 2022, 139, 51649.	1.3	3
3	Thermal Behavior and Morphology of Thermoplastic Polyurethane Derived from Different Chain Extenders of 1,3- and 1,4-Butanediol. Applied Sciences (Switzerland), 2021, 11, 698.	1.3	11
4	Enhanced crystallization rate of bio-based poly(butylene succinate-co-propylene succinate) copolymers motivated by glycerol. Journal of Polymer Research, 2021, 28, 1.	1.2	12
5	New Strategy and Polymer Design to Synthesize Polyamide 66 (PA66) Copolymers with Aromatic Moieties from Recycled PET (rPET). ACS Sustainable Chemistry and Engineering, 2021, 9, 3518-3528.	3.2	22
6	Antibacterial Activity and Protection Efficiency of Polyvinyl Butyral Nanofibrous Membrane Containing Thymol Prepared through Vertical Electrospinning. Polymers, 2021, 13, 1122.	2.0	23
7	Characteristics of Polycarbonate Soft Segment-Based Thermoplastic Polyurethane. Applied Sciences (Switzerland), 2021, 11, 5359.	1.3	7
8	Biomass Thermoplastic (Co)polyamide Elastomers Synthesized from a Fatty Dimer Acid: a Sustainable Route toward a New Era of Uniform and Bimodal Foams. Industrial & Engineering Chemistry Research, 2021, 60, 12139-12154.	1.8	6
9	Thermoplastic polyurethane/CNT nanocomposites with low electromagnetic resistance property. Journal of Composite Materials, 2021, 55, 4321-4331.	1.2	6
10	Highly Stretchable Fully Biomass Autonomic Self-Healing Polyamide Elastomers and Their Foam for Selective Oil Absorption. Polymers, 2021, 13, 3089.	2.0	8
11	Low-Mass Liquid Crystalline Materials Blended in Recycled Thermoplastic Polyester Elastomer for Corrosion Inhibitor Application. Polymers, 2021, 13, 3188.	2.0	2
12	Synthesis and Characterization of Thermoplastic Poly(Ester Amide)s Elastomer (TPEaE) Obtained from Recycled PET. Journal of Renewable Materials, 2021, 9, 867-880.	1.1	10
13	Synthesis and Characterization of Low-Melting-Point Polyamides with Trace Thermoreversible Cross-Linked Networks. Industrial & Engineering Chemistry Research, 2021, 60, 17072-17082.	1.8	2
14	The influence of 1,4-cyclohexanedicarboxylic acid on the thermal and mechanical properties of copolyamides. Polymer Bulletin, 2020, 77, 235-253.	1.7	4
15	Influence of asymmetric substituent group 2-methyl-1,3-propanediol on bio-based poly(propylene) Tj ETQq1 1 0.784314 rgBT /Overlo	1.2	18
16	Green electrospun nanofiber membranes filter prepared from novel biomass thermoplastic copolyester: Morphologies and filtration properties. Journal of the Taiwan Institute of Chemical Engineers, 2020, 106, 206-214.	2.7	31
17	Synthesis of Bio-Based Poly(Butylene Adipate-co-Butylene Itaconate) Copolyesters with Pentaerythritol: A Thermal, Mechanical, Rheological, and Molecular Dynamics Simulation Study. Polymers, 2020, 12, 2006.	2.0	5
18	Crystal Structure and Tensile Fracture Morphology of Poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td (terephthalate)-co & Engineering Chemistry Research, 2020, 59, 18717-18725.	1.8	6

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19	Influence of Different Molecular Weights and Concentrations of Poly(glycidyl methacrylate) on Recycled Poly(ethylene terephthalate): A Thermal, Mechanical, and Rheological Study. Journal of Polymers and the Environment, 2020, 28, 2880-2892.	2.4	11
20	Conjugated polyelectrolytes as promising hole transport materials for inverted perovskite solar cells: effect of ionic groups. Journal of Materials Chemistry A, 2020, 8, 25173-25177.	5.2	14
21	Synthesis of Water Resistance and Moisture-Permeable Nanofiber Using Sodium Alginateâ€“Functionalized Waterborne Polyurethane. Polymers, 2020, 12, 2882.	2.0	22
22	Copper(<scp>i</scp>)â€“alkylamine mediated synthesis of copper nanowires. Nanoscale, 2020, 12, 17437-17449.	2.8	8
23	Methods of synthesis, characterization and biomedical applications of biodegradable poly(ester) Tj ETQq1 1 0.784314 rgBT /Overlock	2.7	14
24	Synthesis and Nonisothermal Crystallization Kinetics of Poly(Butylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 Td (Terephthalate-co-T	2.0	13
25	Synthesis and characterization of low-temperature polyamide 6 (PA6) copolyamides used as hot melt adhesives and derived from the comonomer of novel aliphatic diamine bis(2-aminoethyl) adipamide and adipic acid. International Journal of Adhesion and Adhesives, 2020, 101, 102619.	1.4	14
26	Effect of Bis (2-Aminoethyl) Adipamide/Adipic Acid Segment on Polyamide 6: Crystallization Kinetics Study. Polymers, 2020, 12, 1067.	2.0	13
27	Highly crystalline two-dimensional copolymer with dominant face-on orientation for high performance polymer solar cells. European Polymer Journal, 2020, 134, 109799.	2.6	2
28	Isothermal Kinetics of Poly(butylene adipate-co-butylene itaconate) Copolyesters with Ethylenediaminetetraacetic Acid. ACS Omega, 2020, 5, 3080-3089.	1.6	12
29	Solvent-Free One-Shot Synthesis of Thermoplastic Polyurethane Based on Bio-Poly(1,3-propylene) Tj ETQq1 1 0.784314 rgBT /Overloc	1.6	20
30	New reductant-free synthesis of gold nanoparticles-doped chitosan-based semi-IPN nanogel: A robust nanoreactor for exclusively sensitive 5-fluorouracil sensor. International Journal of Biological Macromolecules, 2020, 148, 79-88.	3.6	33
31	An intrinsically stretchable and ultrasensitive nanofiber-based resistive pressure sensor for wearable electronics. Journal of Materials Chemistry C, 2020, 8, 5361-5369.	2.7	44
32	Composite proton exchange membranes produced using chitosan and kaolin solvent-free fluid. Journal of Polymer Engineering, 2020, 40, 495-506.	0.6	4
33	Effect of 1,2,4,5-Benzenetetracarboxylic Acid on Unsaturated Poly(butylene adipate-co-butylene) Tj ETQq1 1 0.784314 rgBT /Overlock Properties. Polymers, 2020, 12, 1160.	2.0	12
34	A breathable waterborne poly-(urethane/urea) coating containing PO-EO-PO triblock copolymer. Materials Research Express, 2020, 7, 105303.	0.8	6
35	A thermo-responsive random copolymer of poly(NIPAm-co-FMA) for smart textile applications. Polymer, 2019, 184, 121917.	1.8	20
36	A mechanically robust silver nanowireâ€“polydimethylsiloxane electrode based on facile transfer printing techniques for wearable displays. Nanoscale, 2019, 11, 1520-1530.	2.8	70

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37	Characterization of Solvent-Treated PEDOT:PSS Thin Films with Enhanced Conductivities. Polymers, 2019, 11, 134.	2.0	43
38	Smart garment energy generators fabricated using stretchable electrospun nanofibers. Reactive and Functional Polymers, 2019, 142, 96-103.	2.0	21
39	Light shear thickening fluid (STF)/Kevlar composites with improved ballistic impact strength. Journal of Polymer Research, 2019, 26, 1.	1.2	31
40	Ecoâ€friendly highâ€performance coating for polyester fabric. Journal of Applied Polymer Science, 2019, 136, 48002.	1.3	8
41	Smart Wearable Textiles with Breathable Properties and Repeatable Shaping in In Vitro Orthopedic Support from a Novel Biomass Thermoplastic Copolyester. Macromolecular Materials and Engineering, 2019, 304, 1900103.	1.7	14
42	Effect of Ethylenediaminetetraacetic Acid on Unsaturated Poly(Butylene Adipate-Co-Butylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542	2.0	10
43	Isothermal Crystallization Kinetics Study of Fully Aliphatic PA6 Copolyamides: Effect of Novel Long-Chain Polyamide Salt as a Comonomer. Polymers, 2019, 11, 472.	2.0	26
44	Synthesis and characterization of low melting point PA6 copolyamides from Îµ-caprolactam with bio-based polyamide salt. Journal of Molecular Structure, 2019, 1186, 285-292.	1.8	12
45	Fabrication of Self-Healable Magnetic Nanocomposites via Dielsâ˜Alder Click Chemistry. Applied Sciences (Switzerland), 2019, 9, 506.	1.3	11
46	Development of Self-Healable Organic/Inorganic Hybrid Materials Containing a Biobased Copolymer via Dielsâ€“Alder Chemistry and Their Application in Electromagnetic Interference Shielding. Polymers, 2019, 11, 1755.	2.0	12
47	Bio-based thermoplastic poly(butylene succinate-co-propylene succinate) copolyesters: effect of glycerol on thermal and mechanical properties. Soft Matter, 2019, 15, 9710-9720.	1.2	19
48	Developing the photovoltaic performance of dye-sensitized solar cells (DSSCs) using a SnO2-doped graphene oxide hybrid nanocomposite as a photo-anode. Optical Materials, 2018, 79, 345-352.	1.7	18
49	Electrochemical synthesis of nitrogen-doped carbon quantum dots decorated copper oxide for the sensitive and selective detection of non-steroidal anti-inflammatory drug in berries. Journal of Colloid and Interface Science, 2018, 523, 191-200.	5.0	53
50	Thermal analysis and melt spinnability of poly(acrylonitrile-co-methyl acrylate) and poly(acrylonitrile-co-dimethyl itaconate) copolymers. Textile Reseach Journal, 2018, 88, 1479-1490.	1.1	5
51	A simple and efficient feeder-free culture system to up-scale iPSCs on polymeric material surface for use in 3D bioprinting. Materials Science and Engineering C, 2018, 82, 69-79.	3.8	13
52	f-MWCNTs-PIN/Ti2O3 nanocomposite: Preparation, characterization and nanomolar detection of Î±-Lipoic acid in vegetables. Sensors and Actuators B: Chemical, 2018, 255, 217-225.	4.0	17
53	Synthesis and characterization of copolyamides derived from novel aliphatic bioâ€based diamine. Journal of Applied Polymer Science, 2018, 135, 46878.	1.3	11
54	Synthesis and Characterization of pH and Thermo Dual-Responsive Hydrogels with a Semi-IPN Structure Based on N-Isopropylacrylamide and Itaconamic Acid. Materials, 2018, 11, 696.	1.3	22

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55	Study of theThermo-/pH-Sensitivity of Stereo-Controlled Poly(N-isopropylacrylamide-co-IAM) Copolymers via RAFT Polymerization. Polymers, 2018, 10, 512.	2.0	14
56	Oil-Water Separation of Electrospun Cellulose Triacetate Nanofiber Membranes Modified by Electrophoretically Deposited TiO2/Graphene Oxide. Polymers, 2018, 10, 746.	2.0	35
57	Functionalized Carbon Black Nanospheres Hybrid with MoS₂ Nanoclusters for the Effective Electrocatalytic Reduction of Chloramphenicol. Electroanalysis, 2018, 30, 1828-1836.	1.5	23
58	Ultra-compact titanium oxide prepared by ultrasonic spray pyrolysis method for planar heterojunction perovskite hybrid solar cells. Thin Solid Films, 2018, 659, 41-47.	0.8	12
59	Synthesis of Low Melting Temperature Aliphatic-Aromatic Copolyamides Derived from Novel Bio-Based Semi Aromatic Monomer. Polymers, 2018, 10, 793.	2.0	22
60	A study of ethylene vinyl alcohol copolymer fiber for the drawing process. Textile Reseach Journal, 2017, 87, 1081-1095.	1.1	2
61	Economically applicable Ti2O3 decorated m-aminophenol-formaldehyde resin microspheres for dye-sensitized solar cells (DSSCs). Journal of Colloid and Interface Science, 2017, 494, 82-91.	5.0	15
62	Electrochemical determination of morin in Kiwi and Strawberry fruit samples using vanadium pentoxide nano-flakes. Journal of Colloid and Interface Science, 2017, 504, 626-632.	5.0	41
63	Effect of tacticity on the cyclization of polyacrylonitrile copolymers. Colloid and Polymer Science, 2017, 295, 803-815.	1.0	18
64	Effects of NCO/OH ratios and polyols during polymerization of water-based polyurethanes on polyurethane modified polylactide fabrics. Fibers and Polymers, 2017, 18, 203-211.	1.1	3
65	Insights into the Morphological Instability of Bulk Heterojunction PTB7-Th/PCBM Solar Cells upon High-Temperature Aging. ACS Applied Materials & Interfaces, 2017, 9, 14808-14816.	4.0	44
66	Carboxylic acid-functionalized multi-walled carbon nanotubes-polyindole/Ti2O3: A novel hybrid nanocomposite as highly efficient photo-anode for dye-sensitized solar cells (DSSCs). Applied Surface Science, 2017, 423, 147-153.	3.1	12
67	Electro-oxidative determination of aromatic amine (o-phenylenediamine) using organic-inorganic hybrid composite. Journal of Colloid and Interface Science, 2017, 504, 149-157.	5.0	14
68	The magnetorheological fluid of carbonyl iron suspension blended with grafted MWCNT or graphene. Journal of Magnetism and Magnetic Materials, 2017, 443, 58-66.	1.0	19
69	Antibacterial of Silver-Containing Polydimethylsiloxane Urethane Nanofibrous, Hollow Fibrous, Using the Electrospinning Process. Journal of Nanoscience and Nanotechnology, 2017, 17, 1975-1982.	0.9	1
70	Enhanced photovoltaic performance of dye-sensitized solar cells based on nickel oxide supported on nitrogen-doped graphene nanocomposite as a photoanode. Journal of Colloid and Interface Science, 2017, 504, 570-578.	5.0	25
71	Novel Two-Dimensional Conjugated Polymer Containing Fluorinated Bithiophene as Donor and Benzoselenodiazole as Acceptor Units with Vinyl-Terthiophene Pendants for Polymer Photovoltaic Cells. Polymers, 2017, 9, 272.	2.0	4
72	A Study of the Curing and Flammability Properties of Bisphenol A Epoxy Diacrylate Resin Utilizing a Novel Flame Retardant Monomer, bis[di-acryloyloxyethyl]-p-tert-butyl-phenyl Phosphate. Materials, 2017, 10, 202.	1.3	5

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73	Preparation of Elastic Fiber Yarns of Polysiloxane/Polyether Glycol-Containing Diacetylene Urethane Copolymer (PUSiDA) Using Electrospinning and Twisting Techniques. Advanced Science, Engineering and Medicine, 2017, 9, 407-413.	0.3	0
74	Synthesis and Drug Delivery Application of Thermo- and pH-Sensitive Hydrogels: Poly(Î²-CD-co-N-Isopropylacrylamide-co-IAM). Materials, 2016, 9, 1003.	1.3	17
75	Synthesis and Characterization of Two-Dimensional Conjugated Polymers Incorporating Electron-Deficient Moieties for Application in Organic Photovoltaics. Polymers, 2016, 8, 382.	2.0	4
76	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
77	Thermosensitive copolymer synthesized by controlled living radical polymerization: Phase behavior of diblock copolymers of poly(Nâ€isopropyl acrylamide) families. Journal of Applied Polymer Science, 2016, 133, .	1.3	8
78	Synthesis and characterization of hyperbranched copolymers hyper-g-(NIPAAm-co-IAM) via ATRP. Colloid and Polymer Science, 2016, 294, 291-301.	1.0	9
79	Characterization of melt spinnability of ethylene vinyl alcohol copolymers. Textile Reseach Journal, 2016, 86, 1191-1201.	1.1	8
80	Thermoâ€and p<scp>H</scp>â€responsive copolymers: Poly(nâ€isopropylacrylamideâ€coâ€<scp>IAM</scp>) copolymers. Journal of Applied Polymer Science, 2015, 132, .	1.3	9
81	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
82	Formation of liquid crystals and behavior of LCST upon addition of xanthan gum (XG) to hydroxypropyl cellulose (HPC) solutions. Cellulose, 2015, 22, 53-61.	2.4	11
83	A flame-retardant copper-clad laminate composite made of (metallocenebased cyclic olefin) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 524-534.	1.1	7
84	Preparation of thermo- and pH-responsive star copolymers via ATRP and its use in drug release application. Colloid and Polymer Science, 2015, 293, 493-503.	1.0	22
85	Synthesis and characterization of adipic acid/polyethylene glycol/poly(ethylene terephthalate) copolyester fiber. Textile Reseach Journal, 2015, 85, 1691-1703.	1.1	9
86	Synthesis and characterization of a poly-tetraaniline-urethane/Ag-nanowire or/graphene conductive elastomer. Colloid and Polymer Science, 2015, 293, 841-850.	1.0	1
87	Liquid crystal formation and rheological study in aqueous blends of xanthan/acacia gum. Food Hydrocolloids, 2015, 46, 52-58.	5.6	3
88	Synthesis and Rheological Characterization of Water-Soluble Glycidyltrimethylammonium-Chitosan. Marine Drugs, 2014, 12, 5547-5562.	2.2	24
89	Synthesis and viscoelastic characterization of sulfonated chitosan solutions. Colloid and Polymer Science, 2014, 292, 785-795.	1.0	25
90	Phase formation and transition in a xanthan gum/H2O/H3PO4 tertiary system. Cellulose, 2014, 21, 1277-1288.	2.4	7

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91	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
92	Liquid crystalline phase in xanthan gum (XG)/H2O/H3PO3 and XG/H2O/H3PO4 tertiary systems: a thermal and rheological study. Cellulose, 2014, 21, 3231-3241.	2.4	6
93	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
94	Effect of Side-Chain Architecture on the Optical and Crystalline Properties of Two-Dimensional Polythiophenes. Macromolecules, 2013, 46, 5985-5997.	2.2	54
95	Kinetics of UV-curing of waterborne polyurethane acrylate dendrimer. Polymer Bulletin, 2013, 70, 1019-1035.	1.7	4
96	The crystallization kinetics of Nylon 6/6T and Nylon 66/6T copolymers. Thermochimica Acta, 2013, 555, 37-45.	1.2	43
97	HPC/H2O/H3PO4 tertiary system: a rheological study. Cellulose, 2013, 20, 135-147.	2.4	5
98	Effects of surface modifications on the interfacial bonding of flax/Î²-polypropylene composites. Composite Interfaces, 2013, 20, 483-496.	1.3	20
99	Investigation on the spinnability of metallocene cyclic olefins copolymer melt. Textile Reseach Journal, 2012, 82, 315-323.	1.1	4
100	[60]Fulleropyrrolidines Bearing Ï€-Conjugated Moiety for Polymer Solar Cells: Contribution of the Chromophoric Substituent on C₆₀ to the Photocurrent. ACS Applied Materials & Interfaces, 2012, 4, 6133-6141.	4.0	40
101	Synthesis and characterization of biodegradable and weather-durable PET/PEG/NDC copolymers. Colloid and Polymer Science, 2012, 290, 1381-1392.	1.0	19
102	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
103	Molecular Design of Interfacial Modifiers for Polymerâ€inorganic Hybrid Solar Cells. Advanced Energy Materials, 2012, 2, 245-252.	10.2	42
104	Synthesis and characterization of polyethylene oxide and nylonâ€6 copolymer in a fiber form. Journal of Applied Polymer Science, 2012, 126, E206.	1.3	5
105	3-D phase diagram of HPC/H2O/H3PO4 tertiary system. Cellulose, 2012, 19, 1065-1074.	2.4	7
106	Electrospinning PVA solution-rheology and morphology analyses. Fibers and Polymers, 2012, 13, 44-50.	1.1	59
107	Synthesis and characterization of the feed ratio of polyethylene oxide (0 â‰¤ 10 wt % PEO) in the nylonâ€6/PEO copolymer system. Journal of Applied Polymer Science, 2012, 123, 796-806.	1.3	7
108	Investigating the UV-curing performance for polyacrylated polymer in dendritic and regular conformation. Polymer Bulletin, 2012, 68, 493-505.	1.7	6

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109	Sol/gel transition and liquid crystal transition of HPC in ionic liquid. Cellulose, 2009, 16, 9-17.	2.4	20
110	Synthesis of high performance phosphorine antioxidants and their application to mCOC. Fibers and Polymers, 2008, 9, 1-6.	1.1	3
111	Viscoelasticity and wearability of hyaluronate solutions. Biochemical Engineering Journal, 2008, 40, 211-217.	1.8	26
112	Preparation and characterization of coreâ€“shell polyanilineâ€“polystyrene sulfonate@Fe3O4 nanoparticles. Materials Chemistry and Physics, 2008, 112, 805-809.	2.0	37
113	Unsteady-state contact angle on interface between polymer melt and TiO2. Composite Interfaces, 2008, 15, 351-361.	1.3	3
114	Synthesis and electrical, rheological and thermal characterization of conductive polyurethane. Colloid and Polymer Science, 2007, 285, 1313-1319.	1.0	9
115	Cascade analysis of mixed gels of xanthan and locust bean gum. Polymer, 2006, 47, 7980-7987.	1.8	17
116	Light scattering and viscoelasticity study of poly(vinyl alcohol)â€“borax aqueous solutions and gels. Polymer, 2005, 46, 5541-5549.	1.8	58
117	Novel poly(3-nonylthiophene)â€“TiO2 hybrid materials for photovoltaic cells. Synthetic Metals, 2005, 155, 677-680.	2.1	10
118	Formation, Characterization, and Prevention of Dust Generated During Fiber or Fabric Processing of PET Materials. Textile Reseach Journal, 2004, 74, 581-586.	1.1	4
119	PBT/PET conjugated fibers: Melt spinning, fiber properties, and thermal bonding. Polymer Engineering and Science, 2004, 44, 331-344.	1.5	35
120	Curing and pyrolysis of cresol novolac epoxy resins containing [2-(6-oxido-6H-dibenz(c,e)(1,2)oxaphosphorin-6-yl)-1,4-naphthalenediol]. Polymer Engineering and Science, 2004, 44, 376-387.	1.5	16
121	Curing and pyrolysis of epoxy resins containing 2-(6-oxido-6H-dibenz(c,e)(1,2)oxaphosphorin-6-yl)-1,4-naphthalenediol or bisphenolÂS. Colloid and Polymer Science, 2003, 281, 407-415.	1.0	20
122	Fluid Simulation of the Airflow in Texturing Jets. Textile Reseach Journal, 2002, 72, 520-525.	1.1	8
123	Dispersion of carbon black in a continuous phase: Electrical, rheological, and morphological studies. Colloid and Polymer Science, 2002, 280, 1110-1115.	1.0	80
124	Monte Carlo simulation of diepoxides and monoepoxides cured with amines. Journal of Polymer Science, Part B: Polymer Physics, 2002, 40, 1857-1868.	2.4	11
125	The dispersion of pigment slurries via incorporation with water-soluble sulfonate poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock	1.0	2
126	Distributive mixing in a single-screw extruder?evaluation in the flow direction. Polymer Engineering and Science, 2001, 41, 1665-1673.	1.5	17

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127	Formation of hollow fibers in the melt-spinning process. Journal of Applied Polymer Science, 2001, 82, 2896-2902.	1.3	36
128	Fluid Simulation of the Airflow in Interlacing Nozzles. Textile Reseach Journal, 2001, 71, 630-634.	1.1	13
129	Modification of PET in high-speed melt spinning by blending with PEN. Polymer Engineering and Science, 2000, 40, 191-200.	1.5	9
130	Properties of poly(ethylene terephthalate)/poly(ethylene naphthalate) blends. Polymer Engineering and Science, 1999, 39, 2475-2481.	1.5	35
131	Dog-legging in the melt spinning process. Polymer Engineering and Science, 1998, 38, 341-347.	1.5	0
132	Analysis of dispersion of carbon black in polymeric melts and its effect on compound properties. Polymer Engineering and Science, 1992, 32, 130-135.	1.5	53
133	Observation and Analysis of Carbon Black Agglomerate Dispersion in Simple Shear Flows. International Polymer Processing, 1991, 6, 98-102.	0.3	10
134	The Influence of Interstitial Liquids on the Cohesive Strength of Carbon-Black Agglomerates. Rubber Chemistry and Technology, 1989, 62, 928-938.	0.6	5