

Syang-Peng Rwei

List of Publications by Year in descending order

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all docs

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docs citations

134
times ranked

3250
citing authors

#	ARTICLE	IF	CITATIONS
1	Dispersion of carbon black in a continuous phase: Electrical, rheological, and morphological studies. <i>Colloid and Polymer Science</i> , 2002, 280, 1110-1115.	1.0	80
2	A mechanically robust silver nanowireâ€“polydimethylsiloxane electrode based on facile transfer printing techniques for wearable displays. <i>Nanoscale</i> , 2019, 11, 1520-1530.	2.8	70
3	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. <i>Journal of Materials Chemistry</i> , 2012, 22, 15586.	6.7	68
4	Electrospinning PVA solution-rheology and morphology analyses. <i>Fibers and Polymers</i> , 2012, 13, 44-50.	1.1	59
5	Light scattering and viscoelasticity study of poly(vinyl alcohol)â€“borax aqueous solutions and gels. <i>Polymer</i> , 2005, 46, 5541-5549.	1.8	58
6	Effect of Side-Chain Architecture on the Optical and Crystalline Properties of Two-Dimensional Polythiophenes. <i>Macromolecules</i> , 2013, 46, 5985-5997.	2.2	54
7	Analysis of dispersion of carbon black in polymeric melts and its effect on compound properties. <i>Polymer Engineering and Science</i> , 1992, 32, 130-135.	1.5	53
8	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. <i>Journal of Colloid and Interface Science</i> , 2018, 523, 191-200.	5.0	53
9	Insights into the Morphological Instability of Bulk Heterojunction PTB7-Th/PCBM Solar Cells upon High-Temperature Aging. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 14808-14816.	4.0	44
10	An intrinsically stretchable and ultrasensitive nanofiber-based resistive pressure sensor for wearable electronics. <i>Journal of Materials Chemistry C</i> , 2020, 8, 5361-5369.	2.7	44
11	The crystallization kinetics of Nylon 6/6T and Nylon 66/6T copolymers. <i>Thermochimica Acta</i> , 2013, 555, 37-45.	1.2	43
12	Characterization of Solvent-Treated PEDOT:PSS Thin Films with Enhanced Conductivities. <i>Polymers</i> , 2019, 11, 134.	2.0	43
13	Molecular Design of Interfacial Modifiers for Polymerâ€“inorganic Hybrid Solar Cells. <i>Advanced Energy Materials</i> , 2012, 2, 245-252.	10.2	42
14	Electrochemical determination of morin in Kiwi and Strawberry fruit samples using vanadium pentoxide nano-flakes. <i>Journal of Colloid and Interface Science</i> , 2017, 504, 626-632.	5.0	41
15	[60]Fulleropyrrolidines Bearing Ā€-Conjugated Moiety for Polymer Solar Cells: Contribution of the Chromophoric Substituent on C ₆₀ to the Photocurrent. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 6133-6141.	4.0	40
16	Preparation and characterization of coreâ€“shell polyanilineâ€“polystyrene sulfonate@Fe ₃ O ₄ nanoparticles. <i>Materials Chemistry and Physics</i> , 2008, 112, 805-809.	2.0	37
17	Formation of hollow fibers in the melt-spinning process. <i>Journal of Applied Polymer Science</i> , 2001, 82, 2896-2902.	1.3	36
18	Properties of poly(ethylene terephthalate)/poly(ethylene naphthalate) blends. <i>Polymer Engineering and Science</i> , 1999, 39, 2475-2481.	1.5	35

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19	PBT/PET conjugated fibers: Melt spinning, fiber properties, and thermal bonding. <i>Polymer Engineering and Science</i> , 2004, 44, 331-344.	1.5	35
20	Oil-Water Separation of Electrospun Cellulose Triacetate Nanofiber Membranes Modified by Electrophoretically Deposited TiO ₂ /Graphene Oxide. <i>Polymers</i> , 2018, 10, 746.	2.0	35
21	New reductant-free synthesis of gold nanoparticles-doped chitosan-based semi-IPN nanogel: A robust nanoreactor for exclusively sensitive 5-fluorouracil sensor. <i>International Journal of Biological Macromolecules</i> , 2020, 148, 79-88.	3.6	33
22	Light shear thickening fluid (STF)/Kevlar composites with improved ballistic impact strength. <i>Journal of Polymer Research</i> , 2019, 26, 1.	1.2	31
23	Green electrospun nanofiber membranes filter prepared from novel biomass thermoplastic copolyester: Morphologies and filtration properties. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2020, 106, 206-214.	2.7	31
24	Viscoelasticity and wearability of hyaluronate solutions. <i>Biochemical Engineering Journal</i> , 2008, 40, 211-217.	1.8	26
25	Isothermal Crystallization Kinetics Study of Fully Aliphatic PA6 Copolyamides: Effect of Novel Long-Chain Polyamide Salt as a Comonomer. <i>Polymers</i> , 2019, 11, 472.	2.0	26
26	Synthesis and viscoelastic characterization of sulfonated chitosan solutions. <i>Colloid and Polymer Science</i> , 2014, 292, 785-795.	1.0	25
27	Enhanced photovoltaic performance of dye-sensitized solar cells based on nickel oxide supported on nitrogen-doped graphene nanocomposite as a photoanode. <i>Journal of Colloid and Interface Science</i> , 2017, 504, 570-578.	5.0	25
28	Synthesis and Rheological Characterization of Water-Soluble Glycidyltrimethylammonium-Chitosan. <i>Marine Drugs</i> , 2014, 12, 5547-5562.	2.2	24
29	Functionalized Carbon Black Nanospheres Hybrid with MoS ₂ Nanoclusters for the Effective Electrocatalytic Reduction of Chloramphenicol. <i>Electroanalysis</i> , 2018, 30, 1828-1836.	1.5	23
30	Antibacterial Activity and Protection Efficiency of Polyvinyl Butyral Nanofibrous Membrane Containing Thymol Prepared through Vertical Electrospinning. <i>Polymers</i> , 2021, 13, 1122.	2.0	23
31	Preparation of thermo- and pH-responsive star copolymers via ATRP and its use in drug release application. <i>Colloid and Polymer Science</i> , 2015, 293, 493-503.	1.0	22
32	Synthesis and Characterization of pH and Thermo Dual-Responsive Hydrogels with a Semi-IPN Structure Based on N-Isopropylacrylamide and Itaconamic Acid. <i>Materials</i> , 2018, 11, 696.	1.3	22
33	Synthesis of Low Melting Temperature Aliphatic-Aromatic Copolyamides Derived from Novel Bio-Based Semi Aromatic Monomer. <i>Polymers</i> , 2018, 10, 793.	2.0	22
34	Synthesis of Water Resistance and Moisture-Permeable Nanofiber Using Sodium Alginate-Functionalized Waterborne Polyurethane. <i>Polymers</i> , 2020, 12, 2882.	2.0	22
35	New Strategy and Polymer Design to Synthesize Polyamide 66 (PA66) Copolymers with Aromatic Moieties from Recycled PET (rPET). <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 3518-3528.	3.2	22
36	Smart garment energy generators fabricated using stretchable electrospun nanofibers. <i>Reactive and Functional Polymers</i> , 2019, 142, 96-103.	2.0	21

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37	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
38	Sol/gel transition and liquid crystal transition of HPC in ionic liquid. Cellulose, 2009, 16, 9-17.	2.4	20
39	Effects of surface modifications on the interfacial bonding of flax/f ² -polypropylene composites. Composite Interfaces, 2013, 20, 483-496.	1.3	20
40	A thermo-responsive random copolymer of poly(NIPAm-co-FMA) for smart textile applications. Polymer, 2019, 184, 121917.	1.8	20
41	Solvent-Free One-Shot Synthesis of Thermoplastic Polyurethane Based on Bio-Poly(1,3-propylene) Tj ETQq1 1 0.784314 rgBT, /Overlo	1.6	20
42	Synthesis and characterization of biodegradable and weather-durable PET/PEG/NDC copolymers. Colloid and Polymer Science, 2012, 290, 1381-1392.	1.0	19
43	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
44	Bio-based thermoplastic poly(butylene succinate-<i>co</i>-propylene succinate) copolyesters: effect of glycerol on thermal and mechanical properties. Soft Matter, 2019, 15, 9710-9720.	1.2	19
45	Effect of tacticity on the cyclization of polyacrylonitrile copolymers. Colloid and Polymer Science, 2017, 295, 803-815.	1.0	18
46	Developing the photovoltaic performance of dye-sensitized solar cells (DSSCs) using a SnO ₂ -doped graphene oxide hybrid nanocomposite as a photo-anode. Optical Materials, 2018, 79, 345-352.	1.7	18
47	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
48	Distributive mixing in a single-screw extruder?evaluation in the flow direction. Polymer Engineering and Science, 2001, 41, 1665-1673.	1.5	17
49	Cascade analysis of mixed gels of xanthan and locust bean gum. Polymer, 2006, 47, 7980-7987.	1.8	17
50	Synthesis and Drug Delivery Application of Thermo- and pH-Sensitive Hydrogels: Poly(f ² -CD-co-N-Isopropylacrylamide-co-IAM). Materials, 2016, 9, 1003.	1.3	17
51	f-MWCNTs-PIN/Ti ₂ O ₃ nanocomposite: Preparation, characterization and nanomolar detection of f [±] -Lipoic acid in vegetables. Sensors and Actuators B: Chemical, 2018, 255, 217-225.	4.0	17
52	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
53	Economically applicable Ti ₂ O ₃ 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
54	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

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55	Study of the Thermo-/pH-Sensitivity of Stereo-Controlled Poly(N-isopropylacrylamide-co-IAm) Copolymers via RAFT Polymerization. <i>Polymers</i> , 2018, 10, 512.	2.0	14
56	Smart Wearable Textiles with Breathable Properties and Repeatable Shaping in In Vitro Orthopedic Support from a Novel Biomass Thermoplastic Copolyester. <i>Macromolecular Materials and Engineering</i> , 2019, 304, 1900103.	1.7	14
57	Conjugated polyelectrolytes as promising hole transport materials for inverted perovskite solar cells: effect of ionic groups. <i>Journal of Materials Chemistry A</i> , 2020, 8, 25173-25177.	5.2	14
58	Methods of synthesis, characterization and biomedical applications of biodegradable poly(ester) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	2.7	14
59	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. <i>International Journal of Adhesion and Adhesives</i> , 2020, 101, 102619.	1.4	14
60	Fluid Simulation of the Airflow in Interlacing Nozzles. <i>Textile Research Journal</i> , 2001, 71, 630-634.	1.1	13
61	Terthiopheneâ€C₆₀ dyads as donor/acceptor compatibilizers for developing highly stable P3HT/PCBM bulk heterojunction solar cells. <i>Journal of Materials Chemistry A</i> , 2015, 3, 14401-14408.	5.2	13
62	A simple and efficient feeder-free culture system to up-scale iPSCs on polymeric material surface for use in 3D bioprinting. <i>Materials Science and Engineering C</i> , 2018, 82, 69-79.	3.8	13
63	Synthesis and Nonisothermal Crystallization Kinetics of Poly(Butylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 422 Td (Terephth	2.0	13
64	Effect of Bis (2-Aminoethyl) Adipamide/Adipic Acid Segment on Polyamide 6: Crystallization Kinetics Study. <i>Polymers</i> , 2020, 12, 1067.	2.0	13
65	Carboxylic acid-functionalized multi-walled carbon nanotubes-polyindole/Ti2O3: A novel hybrid nanocomposite as highly efficient photo-anode for dye-sensitized solar cells (DSSCs). <i>Applied Surface Science</i> , 2017, 423, 147-153.	3.1	12
66	Ultra-compact titanium oxide prepared by ultrasonic spray pyrolysis method for planar heterojunction perovskite hybrid solar cells. <i>Thin Solid Films</i> , 2018, 659, 41-47.	0.8	12
67	Synthesis and characterization of low melting point PA6 copolyamides from Îµ-caprolactam with bio-based polyamide salt. <i>Journal of Molecular Structure</i> , 2019, 1186, 285-292.	1.8	12
68	Development of Self-Healable Organic/Inorganic Hybrid Materials Containing a Biobased Copolymer via Dielsâ€Alder Chemistry and Their Application in Electromagnetic Interference Shielding. <i>Polymers</i> , 2019, 11, 1755.	2.0	12
69	Isothermal Kinetics of Poly(butylene adipate-co-butylene itaconate) Copolyesters with Ethylenediaminetetraacetic Acid. <i>ACS Omega</i> , 2020, 5, 3080-3089.	1.6	12
70	Enhanced crystallization rate of bio-based poly(butylene succinate-co-propylene succinate) copolymers motivated by glycerol. <i>Journal of Polymer Research</i> , 2021, 28, 1.	1.2	12
71	Effect of 1,2,4,5-Benzenetetracarboxylic Acid on Unsaturated Poly(butylene adipate-co-butylene) Tj ETQq1 1 0.784314 rgBT /Overlock 1 Properties. <i>Polymers</i> , 2020, 12, 1160.	2.0	12
72	Monte Carlo simulation of diepoxides and monoepoxides cured with amines. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2002, 40, 1857-1868.	2.4	11

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73	Formation of liquid crystals and behavior of LCST upon addition of xanthan gum (XG) to hydroxypropyl cellulose (HPC) solutions. <i>Cellulose</i> , 2015, 22, 53-61.	2.4	11
74	Synthesis and characterization of copolyamides derived from novel aliphatic bio-based diamine. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46878.	1.3	11
75	Fabrication of Self-Healable Magnetic Nanocomposites via Diels-Alder Click Chemistry. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 506.	1.3	11
76	Influence of Different Molecular Weights and Concentrations of Poly(glycidyl methacrylate) on Recycled Poly(ethylene terephthalate): A Thermal, Mechanical, and Rheological Study. <i>Journal of Polymers and the Environment</i> , 2020, 28, 2880-2892.	2.4	11
77	Thermal Behavior and Morphology of Thermoplastic Polyurethane Derived from Different Chain Extenders of 1,3- and 1,4-Butanediol. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 698.	1.3	11
78	Novel poly(3-nonylthiophene)-TiO ₂ hybrid materials for photovoltaic cells. <i>Synthetic Metals</i> , 2005, 155, 677-680.	2.1	10
79	Novel fulleropyrrolidines bearing π -conjugated thiophene derivatives as compatibilizing group for developing highly stable polymer solar cells. <i>Organic Electronics</i> , 2014, 15, 2223-2233.	1.4	10
80	Effect of Ethylenediaminetetraacetic Acid on Unsaturated Poly(Butylene Adipate-Co-Butylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462	2.0	10
81	Synthesis and Characterization of Thermoplastic Poly(Ester Amide)s Elastomer (TPEaE) Obtained from Recycled PET. <i>Journal of Renewable Materials</i> , 2021, 9, 867-880.	1.1	10
82	Observation and Analysis of Carbon Black Agglomerate Dispersion in Simple Shear Flows. <i>International Polymer Processing</i> , 1991, 6, 98-102.	0.3	10
83	Modification of PET in high-speed melt spinning by blending with PEN. <i>Polymer Engineering and Science</i> , 2000, 40, 191-200.	1.5	9
84	Synthesis and electrical, rheological and thermal characterization of conductive polyurethane. <i>Colloid and Polymer Science</i> , 2007, 285, 1313-1319.	1.0	9
85	Thermo- and pH-responsive copolymers: Poly(<i>N</i> -isopropylacrylamide- <i>co</i> - <i>N</i> -isopropylacrylamide) copolymers. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	9
86	Synthesis and characterization of adipic acid/polyethylene glycol/poly(ethylene terephthalate) copolyester fiber. <i>Textile Reseach Journal</i> , 2015, 85, 1691-1703.	1.1	9
87	Synthesis and characterization of hyperbranched copolymers hyper-g-(NIPAAm-co-IAM) via ATRP. <i>Colloid and Polymer Science</i> , 2016, 294, 291-301.	1.0	9
88	Fluid Simulation of the Airflow in Texturing Jets. <i>Textile Reseach Journal</i> , 2002, 72, 520-525.	1.1	8
89	Impact of constitution of the terthiophene-vinylene conjugated side chain on the optical and photovoltaic properties of two-dimensional polythiophenes. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 25111-25120.	1.3	8
90	Thermosensitive copolymer synthesized by controlled living radical polymerization: Phase behavior of diblock copolymers of poly(<i>N</i> -isopropyl acrylamide) families. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	1.3	8

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91	Characterization of melt spinnability of ethylene vinyl alcohol copolymers. <i>Textile Research Journal</i> , 2016, 86, 1191-1201.	1.1	8
92	Eco-friendly high-performance coating for polyester fabric. <i>Journal of Applied Polymer Science</i> , 2019, 136, 48002.	1.3	8
93	Copper(II)-alkylamine mediated synthesis of copper nanowires. <i>Nanoscale</i> , 2020, 12, 17437-17449.	2.8	8
94	Highly Stretchable Fully Biomass Autonomic Self-Healing Polyamide Elastomers and Their Foam for Selective Oil Absorption. <i>Polymers</i> , 2021, 13, 3089.	2.0	8
95	3-D phase diagram of HPC/H ₂ O/H ₃ PO ₄ tertiary system. <i>Cellulose</i> , 2012, 19, 1065-1074.	2.4	7
96	Synthesis and characterization of the feed ratio of polyethylene oxide (0 ~ 10 wt % PEO) in the nylon-6/PEO copolymer system. <i>Journal of Applied Polymer Science</i> , 2012, 123, 796-806.	1.3	7
97	Phase formation and transition in a xanthan gum/H ₂ O/H ₃ PO ₄ tertiary system. <i>Cellulose</i> , 2014, 21, 1277-1288.	2.4	7
98	A flame-retardant copper-clad laminate composite made of (metallocenebased cyclic olefin) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 Td 524-534.	1.1	7
99	Characteristics of Polycarbonate Soft Segment-Based Thermoplastic Polyurethane. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 5359.	1.3	7
100	Investigating the UV-curing performance for polyacrylated polymer in dendritic and regular conformation. <i>Polymer Bulletin</i> , 2012, 68, 493-505.	1.7	6
101	Liquid crystalline phase in xanthan gum (XG)/H ₂ O/H ₃ PO ₃ and XG/H ₂ O/H ₃ PO ₄ tertiary systems: a thermal and rheological study. <i>Cellulose</i> , 2014, 21, 3231-3241.	2.4	6
102	Crystal Structure and Tensile Fracture Morphology of Poly(ethylene Terephthalate) (terephthalate)-co-Engineering Chemistry Research, 2020, 59, 18717-18725.	1.8	6
103	Biomass Thermoplastic (Co)polyamide Elastomers Synthesized from a Fatty Dimer Acid: a Sustainable Route toward a New Era of Uniform and Bimodal Foams. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 12139-12154.	1.8	6
104	Thermoplastic polyurethane/CNT nanocomposites with low electromagnetic resistance property. <i>Journal of Composite Materials</i> , 2021, 55, 4321-4331.	1.2	6
105	A breathable waterborne poly-(urethane/urea) coating containing PO-EO-PO triblock copolymer. <i>Materials Research Express</i> , 2020, 7, 105303.	0.8	6
106	The Influence of Interstitial Liquids on the Cohesive Strength of Carbon-Black Agglomerates. <i>Rubber Chemistry and Technology</i> , 1989, 62, 928-938.	0.6	5
107	Synthesis and characterization of polyethylene oxide and nylon-6 copolymer in a fiber form. <i>Journal of Applied Polymer Science</i> , 2012, 126, E206.	1.3	5
108	HPC/H ₂ O/H ₃ PO ₄ tertiary system: a rheological study. <i>Cellulose</i> , 2013, 20, 135-147.	2.4	5

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109	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. <i>Materials</i> , 2017, 10, 202.	1.3	5
110	Thermal analysis and melt spinnability of poly(acrylonitrile-co-methyl acrylate) and poly(acrylonitrile-co-dimethyl itaconate) copolymers. <i>Textile Research Journal</i> , 2018, 88, 1479-1490.	1.1	5
111	Synthesis of Bio-Based Poly(Butylene Adipate-co-Butylene Itaconate) Copolyesters with Pentaerythritol: A Thermal, Mechanical, Rheological, and Molecular Dynamics Simulation Study. <i>Polymers</i> , 2020, 12, 2006.	2.0	5
112	Formation, Characterization, and Prevention of Dust Generated During Fiber or Fabric Processing of PET Materials. <i>Textile Research Journal</i> , 2004, 74, 581-586.	1.1	4
113	Investigation on the spinnability of metallocene cyclic olefins copolymer melt. <i>Textile Research Journal</i> , 2012, 82, 315-323.	1.1	4
114	Kinetics of UV-curing of waterborne polyurethane acrylate dendrimer. <i>Polymer Bulletin</i> , 2013, 70, 1019-1035.	1.7	4
115	Synthesis and Characterization of Two-Dimensional Conjugated Polymers Incorporating Electron-Deficient Moieties for Application in Organic Photovoltaics. <i>Polymers</i> , 2016, 8, 382.	2.0	4
116	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. <i>RSC Advances</i> , 2016, 6, 67976-67985.	1.7	4
117	Novel Two-Dimensional Conjugated Polymer Containing Fluorinated Bithiophene as Donor and Benzoselenodiazole as Acceptor Units with Vinyl-Terthiophene Pendants for Polymer Photovoltaic Cells. <i>Polymers</i> , 2017, 9, 272.	2.0	4
118	The influence of 1,4-cyclohexanedicarboxylic acid on the thermal and mechanical properties of copolyamides. <i>Polymer Bulletin</i> , 2020, 77, 235-253.	1.7	4
119	Composite proton exchange membranes produced using chitosan and kaolin solvent-free fluid. <i>Journal of Polymer Engineering</i> , 2020, 40, 495-506.	0.6	4
120	Synthesis of high performance phosphorine antioxidants and their application to mCOC. <i>Fibers and Polymers</i> , 2008, 9, 1-6.	1.1	3
121	Unsteady-state contact angle on interface between polymer melt and TiO ₂ . <i>Composite Interfaces</i> , 2008, 15, 351-361.	1.3	3
122	Liquid crystal formation and rheological study in aqueous blends of xanthan/acacia gum. <i>Food Hydrocolloids</i> , 2015, 46, 52-58.	5.6	3
123	Effects of NCO/OH ratios and polyols during polymerization of water-based polyurethanes on polyurethane modified polylactide fabrics. <i>Fibers and Polymers</i> , 2017, 18, 203-211.	1.1	3
124	Optically transparent bio-based polyamides with microcellular foaming properties derived from renewable difunctional aminoamides. <i>Journal of Applied Polymer Science</i> , 2022, 139, 51461.	1.3	3
125	Synthesis and characterization of trace aromatic copolyamide 6 with tunable mechanical and viscoelastic behavior. <i>Journal of Applied Polymer Science</i> , 2022, 139, 51649.	1.3	3
126	The dispersion of pigment slurries via incorporation with water-soluble sulfonate poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	1.0	2

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127	A study of ethylene vinyl alcohol copolymer fiber for the drawing process. <i>Textile Research Journal</i> , 2017, 87, 1081-1095.	1.1	2
128	Highly crystalline two-dimensional copolymer with dominant face-on orientation for high performance polymer solar cells. <i>European Polymer Journal</i> , 2020, 134, 109799.	2.6	2
129	Low-Mass Liquid Crystalline Materials Blended in Recycled Thermoplastic Polyester Elastomer for Corrosion Inhibitor Application. <i>Polymers</i> , 2021, 13, 3188.	2.0	2
130	Synthesis and Characterization of Low-Melting-Point Polyamides with Trace Thermoreversible Cross-Linked Networks. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 17072-17082.	1.8	2
131	Synthesis and characterization of a poly-tetraaniline-urethane/Ag-nanowire or/graphene conductive elastomer. <i>Colloid and Polymer Science</i> , 2015, 293, 841-850.	1.0	1
132	Antibacterial of Silver-Containing Polydimethylsiloxane Urethane Nanofibrous, Hollow Fibrous, Using the Electrospinning Process. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 1975-1982.	0.9	1
133	Dog-legging in the melt spinning process. <i>Polymer Engineering and Science</i> , 1998, 38, 341-347.	1.5	0
134	Preparation of Elastic Fiber Yarns of Polysiloxane/Polyether Glycol-Containing Diacetylene Urethane Copolymer (PUSiDA) Using Electrospinning and Twisting Techniques. <i>Advanced Science, Engineering and Medicine</i> , 2017, 9, 407-413.	0.3	0