

Seong Hun Kim

List of Publications by Year in descending order

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151
papers

4,207
citations

147566

31
h-index

155451

55
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151
all docs

151
docs citations

151
times ranked

4533
citing authors

#	ARTICLE	IF	CITATIONS
1	Silica nanofibers from electrospinning/sol-gel process. <i>Journal of Materials Science Letters</i> , 2003, 22, 891-893.	0.5	219
2	Poly (ethylene terephthalate) recycling for high value added textiles. <i>Fashion and Textiles</i> , 2014, 1, .	1.3	206
3	Electrical properties and EMI shielding characteristics of polypyrrole-nylon 6 composite fabrics. <i>Journal of Applied Polymer Science</i> , 2003, 87, 1969-1974.	1.3	164
4	Stretchable conductive fabric for electrotherapy. <i>Journal of Applied Polymer Science</i> , 2003, 88, 1225-1229.	1.3	136
5	Isothermal crystallization behavior and mechanical properties of polylactide/carbon nanotube nanocomposites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2013, 46, 11-18.	3.8	116
6	Multiwall-carbon-nanotube-reinforced poly(ethylene terephthalate) nanocomposites by melt compounding. <i>Journal of Applied Polymer Science</i> , 2007, 103, 1450-1457.	1.3	112
7	Zein/cellulose acetate hybrid nanofibers: Electrospinning and characterization. <i>Macromolecular Research</i> , 2014, 22, 971-977.	1.0	105
8	Surface-modified silica nanoparticle-reinforced poly(ethylene 2,6-naphthalate). <i>Journal of Applied Polymer Science</i> , 2004, 94, 812-818.	1.3	91
9	Ultra-porous flexible PET/Aerogel blanket for sound absorption and thermal insulation. <i>Fibers and Polymers</i> , 2009, 10, 731-737.	1.1	91
10	Influence of multiwall carbon nanotube on physical properties of poly(ethylene 2,6-naphthalate) nanocomposites. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2006, 44, 1062-1071.	2.4	90
11	Electrically conductive textiles by in situ polymerization of aniline. <i>Journal of Applied Polymer Science</i> , 1999, 74, 2094-2101.	1.3	88
12	Improved surface characteristics and the conductivity of polyaniline-nylon 6 fabrics by plasma treatment. <i>Journal of Applied Polymer Science</i> , 2001, 81, 684-694.	1.3	73
13	CHARACTERISTICS OF ELECTRICALLY CONDUCTING POLYMER-COATED TEXTILES. <i>Molecular Crystals and Liquid Crystals</i> , 2003, 405, 161-169.	0.4	71
14	Reinforcement effect of cellulose nanowhisker on bio-based polyurethane. <i>Composites Science and Technology</i> , 2013, 86, 82-88.	3.8	71
15	Effect of modified carbon nanotube on physical properties of thermotropic liquid crystal polyester nanocomposites. <i>European Polymer Journal</i> , 2009, 45, 316-324.	2.6	70
16	Formation of interfiber bonding in electrospun poly(etherimide) nanofiber web. <i>Journal of Materials Science</i> , 2004, 39, 1511-1513.	1.7	68
17	Crystallization behaviors and mechanical properties of poly(ethylene 2,6-naphthalate)/multiwall carbon nanotube nanocomposites. <i>Polymer Engineering and Science</i> , 2007, 47, 1715-1723.	1.5	67
18	Improvement in the mechanical properties of polylactide and bamboo fiber biocomposites by fiber surface modification. <i>Macromolecular Research</i> , 2011, 19, 789-796.	1.0	62

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19	Properties of recycled and virgin poly(ethylene terephthalate) blend fibers. <i>Journal of Applied Polymer Science</i> , 2013, 128, 1250-1256.	1.3	59
20	Electrochemically synthesized polypyrrole and Cu-plated nylon/spandex for electrotherapeutic pad electrode. <i>Journal of Applied Polymer Science</i> , 2004, 91, 4064-4071.	1.3	56
21	Electrospinning of polylactide fibers containing silver nanoparticles. <i>Macromolecular Research</i> , 2010, 18, 215-221.	1.0	51
22	Preparation of cellulose nanowhiskers and their reinforcing effect in polylactide. <i>Macromolecular Research</i> , 2013, 21, 1218-1225.	1.0	40
23	Titania-Doped Silica Fibers Prepared by Electrospinning and Sol-Gel Process. <i>Journal of Sol-Gel Science and Technology</i> , 2004, 30, 215-221.	1.1	39
24	Effect of dopant mixture on the conductivity and thermal stability of polyaniline/nomex conductive fabric. <i>Journal of Applied Polymer Science</i> , 2002, 83, 2245-2254.	1.3	38
25	In Situ fibril formation of thermotropic liquid crystal polymer in polyesters blends. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2005, 43, 3600-3610.	2.4	38
26	Electrical property and stability of electrochemically synthesized polypyrrole films. <i>Journal of Applied Polymer Science</i> , 2004, 91, 3659-3666.	1.3	35
27	The use of a nanocellulose-reinforced polyacrylonitrile precursor for the production of carbon fibers. <i>Journal of Materials Science</i> , 2013, 48, 6952-6959.	1.7	35
28	Preparation and characterization of hybrid polycaprolactone/cellulose ultrafine fibers via electrospinning. <i>Macromolecular Research</i> , 2014, 22, 562-568.	1.0	35
29	Effects of recycling processes on physical, mechanical and degradation properties of PET yarns. <i>Fibers and Polymers</i> , 2013, 14, 2083-2087.	1.1	34
30	UV-responsive polyvinyl alcohol nanofibers prepared by electrospinning. <i>Applied Surface Science</i> , 2015, 342, 64-68.	3.1	34
31	Electrospun tungsten trioxide nanofibers decorated with palladium oxide nanoparticles exhibiting enhanced photocatalytic activity. <i>RSC Advances</i> , 2017, 7, 6108-6113.	1.7	34
32	Bio-Based Polyurethane Foams with Castor Oil Based Multifunctional Polyols for Improved Compressive Properties. <i>Polymers</i> , 2021, 13, 576.	2.0	34
33	Mechanical properties and ionic conductivity of gel polymer electrolyte based on poly(vinylidene-fluoride-co-hexafluoropropylene). <i>Journal of Applied Polymer Science</i> , 2001, 81, 948-956.	1.3	33
34	Effects of annealing on structure and properties of TLCP/PEN/PET ternary blend fibers. <i>Macromolecular Research</i> , 2003, 11, 62-68.	1.0	33
35	Batchwise dyeing of bamboo cellulose fabric with reactive dye using ultrasonic energy. <i>Ultrasonics Sonochemistry</i> , 2015, 24, 178-183.	3.8	32
36	Surface Alkylation of Cellulose Nanocrystals to Enhance Their Compatibility with Polylactide. <i>Polymers</i> , 2020, 12, 178.	2.0	32

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37	Synthesis and characterization of polypyrrole rod doped with 4-toluenesulfonic acid via micelle formation. <i>Journal of Applied Polymer Science</i> , 2008, 107, 3925-3932.	1.3	31
38	Surface modification of cellulose nanowhiskers and their reinforcing effect in polylactide. <i>Macromolecular Research</i> , 2014, 22, 424-430.	1.0	31
39	A Highly Porous Nonwoven Thermoplastic Polyurethane/Polypropylene-Based Triboelectric Nanogenerator for Energy Harvesting by Human Walking. <i>Polymers</i> , 2020, 12, 1044.	2.0	31
40	Crystallization kinetics of poly(ethylene terephthalate) with thermotropic liquid crystalline polymer blends. <i>Journal of Applied Polymer Science</i> , 1998, 67, 1383-1392.	1.3	30
41	Mechanical properties of silica nanoparticle reinforced poly(ethylene 2, 6-naphthalate). <i>Macromolecular Research</i> , 2004, 12, 293-302.	1.0	30
42	Fiber property and structure development of polyester blend fibers reinforced with a thermotropic liquid-crystal polymer. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2004, 42, 395-403.	2.4	30
43	Synthesis of polyaniline/multiwall carbon nanotube composite via inverse emulsion polymerization. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2008, 46, 2255-2266.	2.4	30
44	Alkylation of mixed micro- and nanocellulose to improve dispersion in polylactide. <i>Polymer International</i> , 2015, 64, 821-827.	1.6	30
45	Nano-bridge effect on thermal conductivity of hybrid polymer composites incorporating 1D and 2D nanocarbon fillers. <i>Composites Part B: Engineering</i> , 2021, 222, 109072.	5.9	30
46	Effect of composition and molecular structure on the LC phase of PHB-PEN-PET ternary blend. <i>Journal of Applied Polymer Science</i> , 1998, 70, 1065-1073.	1.3	29
47	Non-isothermal crystallization behavior of PLA/acetylated cellulose nanocrystal/silica nanocomposites. <i>Polymer International</i> , 2016, 65, 115-124.	1.6	29
48	Improved adhesion property and electromagnetic interference shielding effectiveness of electroless Cu-plated layer on poly(ethylene terephthalate) by plasma treatment. <i>Journal of Applied Polymer Science</i> , 2002, 84, 1369-1379.	1.3	28
49	Effect of modified silica nanoparticle on the properties of bio-based polyurethane ultrafine fibers. <i>Journal of Materials Science</i> , 2015, 50, 1760-1769.	1.7	28
50	Effect of castor oil/polycaprolactone hybrid polyols on the properties of biopolyurethane. <i>Macromolecular Research</i> , 2015, 23, 333-340.	1.0	28
51	Thermal decomposition behavior of poly(ethylene 2,6-naphthalate)/silica nanocomposites. <i>Polymer Composites</i> , 2009, 30, 1779-1787.	2.3	27
52	Fabrication of castor oil/polycaprolactone based bio-polyurethane foam reinforced with nanocellulose. <i>Polymer Composites</i> , 2018, 39, 2004-2011.	2.3	27
53	Deformation behavior and nucleation activity of a thermotropic liquid-crystalline polymer in poly(butylene terephthalate)-based composites. <i>Macromolecular Research</i> , 2005, 13, 19-29.	1.0	26
54	Crystallization and melting behavior of silica nanoparticles and poly(ethylene 2,6-naphthalate) hybrid nanocomposites. <i>Macromolecular Research</i> , 2006, 14, 146-154.	1.0	26

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55	Structure and property relationship of thermotropic liquid crystal polymer and polyester composite fibers. <i>Journal of Applied Polymer Science</i> , 2006, 99, 2211-2219.	1.3	25
56	Dyeability of polyurethane nanofibres with disperse dyes. <i>Coloration Technology</i> , 2015, 131, 374-378.	0.7	25
57	Miscibility study on blend of thermotropic liquid crystalline polymers and polyester. <i>Journal of Applied Polymer Science</i> , 2003, 87, 1842-1851.	1.3	24
58	Thermotropic liquid crystal polymer reinforced poly(butylene terephthalate) composites to improve heat distortion temperature and mechanical properties. <i>Fibers and Polymers</i> , 2006, 7, 358-366.	1.1	24
59	Effect of TiO ₂ on PVDF/PMMA composite films prepared by thermal casting. <i>Macromolecular Research</i> , 2013, 21, 349-355.	1.0	24
60	Nano- And Microfiber-Based Fully Fabric Triboelectric Nanogenerator For Wearable Devices. <i>Polymers</i> , 2020, 12, 658.	2.0	24
61	Improvement in the adhesion of bamboo fiber reinforced polylactide composites. <i>Journal of Composite Materials</i> , 2014, 48, 2567-2577.	1.2	23
62	Characterization of recycled polyethylene terephthalates and polyethylene terephthalate-nylon6 blend knitted fabrics. <i>Textile Reseach Journal</i> , 2015, 85, 337-345.	1.1	23
63	Flame retardant and mechanical properties of expandable graphite/polyurethane foam composites containing iron phosphonate dopamine-coated cellulose. <i>Polymer Composites</i> , 2020, 41, 2816-2828.	2.3	23
64	Influence of viscosity ratio on processing and morphology of thermotropic liquid crystal polymer-reinforced poly(ethylene 2,6-naphthalate) blends. <i>Polymer International</i> , 2006, 55, 449-455.	1.6	22
65	Thermal decomposition behavior of carbon nanotube-reinforced poly(ethylene 2,6-naphthalate) nanocomposites. <i>Journal of Applied Polymer Science</i> , 2009, 113, 2008-2017.	1.3	22
66	Synthesis and characterization of a furan-based self-healing polymer. <i>Macromolecular Research</i> , 2016, 24, 874-880.	1.0	22
67	Comparison of fabrication methods for the effective loading of Ag onto PVA nanofibers. <i>Textile Reseach Journal</i> , 2019, 89, 625-634.	1.1	22
68	Enhanced electrical and electromagnetic interference shielding properties of uniformly dispersed carbon nanotubes filled composite films via solvent-free process using ring-opening polymerization of cyclic butylene terephthalate. <i>Polymer</i> , 2020, 186, 122030.	1.8	22
69	Facile and cost-effective strategy for fabrication of polyamide 6 wrapped multi-walled carbon nanotube via anionic melt polymerization of ϵ -caprolactam. <i>Chemical Engineering Journal</i> , 2019, 373, 251-258.	6.6	21
70	Structure development of PVDF/PMMA/TiO ₂ composite film with casting conditions. <i>Macromolecular Research</i> , 2011, 19, 72-78.	1.0	20
71	Classification of synthetic polyurethane leather by mechanical properties according to consumers' preference for fashion items. <i>Fibers and Polymers</i> , 2013, 14, 1731-1738.	1.1	20
72	Fabrication of silk fibroin/eggshell nanofiber membranes for facemasks. <i>Fibers and Polymers</i> , 2016, 17, 1776-1781.	1.1	20

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73	Human Hair: A Suitable Platform for Catalytic Nanoparticles. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 5409-5414.	3.2	19
74	Image analysis of the luster of fabrics with modified cross-section fibers. <i>Fibers and Polymers</i> , 2005, 6, 82-88.	1.1	18
75	Effects of pretreatment reagents on the hydrolysis and physical properties of PET fabrics. <i>Journal of Applied Polymer Science</i> , 2009, 112, 3071-3078.	1.3	18
76	Antimicrobial activity of organic photosensitizers embedded in electrospun nylon 6 nanofibers. <i>Polymer International</i> , 2012, 61, 1519-1524.	1.6	18
77	Blends of a thermotropic liquid-crystalline polymer and a poly(butylene terephthalate)/organoclay nanocomposite. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2004, 42, 3667-3676.	2.4	17
78	Synthesis and characterization of a series of thermotropic liquid crystalline copolyester nanocomposites. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2006, 44, 387-397.	2.4	17
79	Electrospinning of Poly (ether sulfone) and Evaluation of the Filtration Efficiency. <i>Journal of Fiber Science and Technology</i> , 2007, 63, 307-312.	0.0	17
80	Thermal decomposition behavior of carbon nanotube reinforced thermotropic liquid crystalline polymers. <i>Journal of Applied Polymer Science</i> , 2011, 122, 2060-2070.	1.3	17
81	Fabrication of silane-grafted graphene oxide and its effect on the structural, thermal, mechanical, and hysteretic behavior of polyurethane. <i>Scientific Reports</i> , 2020, 10, 19152.	1.6	17
82	Studies on the ternary blends of liquid crystalline polymer and polyesters. <i>Fibers and Polymers</i> , 2000, 1, 83-91.	1.1	16
83	Carboxylated multiwall carbon nanotube reinforced thermotropic liquid crystalline polymer nanocomposites. <i>Journal of Applied Polymer Science</i> , 2008, 109, 388-396.	1.3	16
84	Fabrication of bio-based polyurethane nanofibers incorporated with a triclosan/cyclodextrin complex for antibacterial applications. <i>RSC Advances</i> , 2020, 10, 3450-3458.	1.7	16
85	Rheological and physical properties of in situ composite based on liquid crystalline polymer and poly(ethylene 2,6-naphthalate) blends. <i>Journal of Applied Polymer Science</i> , 1999, 74, 2448-2456.	1.3	14
86	Improvement in the adhesion of polyimide/epoxy joints using various curing agents. <i>Journal of Applied Polymer Science</i> , 2002, 86, 812-820.	1.3	14
87	Conformational development of polylactide films induced by uniaxial drawing. <i>Polymer International</i> , 2014, 63, 1247-1253.	1.6	14
88	The Chemical Deposition Method for the Decoration of Palladium Particles on Carbon Nanofibers with Rapid Conductivity Changes. <i>Nanomaterials</i> , 2016, 6, 226.	1.9	14
89	Efficacy of alkyl ketene dimer modified microcrystalline cellulose in polypropylene matrix. <i>Polymer</i> , 2020, 196, 122463.	1.8	14
90	Effect of Silica Nanoparticle on the Quiescent and the Shear Induced Crystallization Behaviors of Poly(trimethylene terephthalate). <i>Polymer Journal</i> , 2004, 36, 519-530.	1.3	13

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91	Thermal decomposition behavior and durability evaluation of thermotropic liquid crystalline polymers. <i>Macromolecular Research</i> , 2009, 17, 149-155.	1.0	13
92	Influence of modified carbon nanotube on physical properties and crystallization behavior of poly(ethylene terephthalate) nanocomposite. <i>Polymer Composites</i> , 2010, 31, 858-869.	2.3	13
93	Effect of heat-setting on the physical properties of chemically recycled polyester nonwoven fabrics. <i>Textile Research Journal</i> , 2019, 89, 498-509.	1.1	13
94	Thermal Percolation Behavior in Thermal Conductivity of Polymer Nanocomposite with Lateral Size of Graphene Nanoplatelet. <i>Polymers</i> , 2022, 14, 323.	2.0	13
95	Preparation and characterization of poly(ether ester) thermoplastic elastomers containing the 2,6-naphthalenedicarboxyl group. <i>Journal of Applied Polymer Science</i> , 2003, 90, 3473-3480.	1.3	12
96	Castor oil-based polyols with gradually increasing functionalities for biopolyurethane synthesis. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48304.	1.3	12
97	Chemical modification of isotactic polypropylene by melt blending. <i>Fibers and Polymers</i> , 2003, 4, 107-113.	1.1	11
98	Structure and properties of thermotropic liquid crystal polymer and poly(ethylene 2,6-naphthalate) blend fibers. <i>Polymer International</i> , 2008, 57, 378-384.	1.6	11
99	Effect of interface affinity on the performance of a composite of microcrystalline cellulose and polypropylene/polylactide blends. <i>Polymer International</i> , 2019, 68, 1402-1410.	1.6	11
100	Fabrication of microcellular polylactide/modified silica nanocomposite foams. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48616.	1.3	11
101	Analysis of the tensile modulus of poly(p-hydroxybenzoate)/poly(ethylene terephthalate) blends. <i>Polymer International</i> , 2003, 52, 698-706.	1.6	10
102	Novel conducting polyaniline blends with cyanoresin. <i>Journal of Applied Polymer Science</i> , 2005, 96, 1035-1042.	1.3	10
103	Preparation and self-assembly of polyaniline nanorods and their application as electroactive actuators. <i>Journal of Applied Polymer Science</i> , 2010, 116, 2601-2609.	1.3	10
104	Pretreatment of Microfibrillated Cellulose on Polylactide Composites. <i>Macromolecular Research</i> , 2020, 28, 110-117.	1.0	10
105	PTC behavior of polymer composites containing ionomers upon electron beam irradiation. <i>Macromolecular Research</i> , 2004, 12, 53-62.	1.0	9
106	Thermal shrinkage of chemically recycled and virgin poly(ethylene terephthalate) blends. <i>Macromolecular Research</i> , 2014, 22, 782-787.	1.0	9
107	Improvement of cyanobacterial-killing biologically derived substances (BDSs) using an ecologically safe and cost-effective naphthoquinone derivative. <i>Ecotoxicology and Environmental Safety</i> , 2017, 141, 188-198.	2.9	9
108	Dyeing and Antibacterial Properties of Chemically Recycled PET Thermal-Bonded Nonwovens Dyed with Terminalia chebula Dye. <i>Polymers</i> , 2020, 12, 1675.	2.0	9

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109	Enhanced thermal conductivity of graphene nanoplatelet filled polymer composite based on thermal percolation behavior. <i>Composites Communications</i> , 2022, 31, 101110.	3.3	9
110	Novel CO2 laser drawing of thermotropic liquid crystal polymer and poly(ethylene 2,6-naphthalate) blend fibers. <i>Journal of Applied Polymer Science</i> , 2007, 104, 205-211.	1.3	8
111	Polymer electrolytes based on poly(vinylidene fluoride-hexafluoropropylene) and cyanoresin. <i>Macromolecular Research</i> , 2008, 16, 247-252.	1.0	8
112	Effect of fumed silica nanoparticles on glass fiber filled thermotropic liquid crystalline polymer composites. <i>Polymer Composites</i> , 2009, 30, 309-317.	2.3	8
113	Effect of raising cycles on mechanical, comfort, and hand properties of artificial suede. <i>Textile Research Journal</i> , 2014, 84, 1995-2005.	1.1	8
114	Eco-Friendly Acaricidal Effects of Nylon 66 Nanofibers via Grafted Clove Bud Oil-Loaded Capsules on House Dust Mites. <i>Nanomaterials</i> , 2017, 7, 179.	1.9	8
115	Effect of modified ZnO nanoparticle on the properties of polylactide ultrafine fibers. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47446.	1.3	8
116	Furan-based self-healing breathable elastomer coating on polylactide fabric. <i>Textile Research Journal</i> , 2019, 89, 814-824.	1.1	8
117	Factors Affecting Consumer Awareness and the Purchase of Eco-Friendly Vehicles: Textual Analysis of Korean Market. <i>Sustainability</i> , 2021, 13, 5566.	1.6	8
118	Effect of pretreatment conditions on the hydrolysis and water absorption behavior of poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.6	7
119	Fabrication of superhydrophobic polylactide films with ultraviolet shielding properties. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47760.	1.3	7
120	Application of smectite for textile dyeing and fastness improvement. <i>RSC Advances</i> , 2019, 9, 36631-36639.	1.7	7
121	Colouration of polymeric electrospun nanofibrous mats " a mini review. <i>Journal of the Textile Institute</i> , 2020, 111, 765-774.	1.0	7
122	Biodegradable Acetylated Kenaf Fiber Composites. <i>Fibers and Polymers</i> , 2021, 22, 3437-3443.	1.1	7
123	Conjugated Polyaniline Nanorod Blends with Cyanoresin. <i>Molecular Crystals and Liquid Crystals</i> , 2007, 464, 281/[863]-289/[871].	0.4	6
124	Multi-Wall Carbon Nanotube Reinforced Thermotropic Liquid Crystal Copolyester Nanocomposites. <i>Molecular Crystals and Liquid Crystals</i> , 2009, 510, 300/[1434]-311/[1445].	0.4	6
125	Silica formation with nanofiber morphology via helical display of the silaffin R5 peptide on a filamentous bacteriophage. <i>Scientific Reports</i> , 2017, 7, 16212.	1.6	6
126	Sustainable progress into batchwise coloration of polyurethane nanofibers by using ultrasonic energy. <i>Journal of the Textile Institute</i> , 2020, 111, 723-733.	1.0	6

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127	Research of polylactide porous hollow nanofiber membrane with high selective absorption characteristics. <i>Journal of Applied Polymer Science</i> , 2020, 137, 49132.	1.3	6
128	Improvements in the oxygen barrier property of polypropylene nanocomposites. <i>Polymers for Advanced Technologies</i> , 2018, 29, 2655-2664.	1.6	5
129	Compatibilization of immiscible blends of polypropylene and isosorbide containing copolyester with silica nanoparticles. <i>Polymer Engineering and Science</i> , 2020, 60, 1365-1376.	1.5	5
130	Toughening of polylactide by in-situ reactive compatibilization with an isosorbide-containing copolyester. <i>Polymer Testing</i> , 2021, 95, 107136.	2.3	5
131	Synthesis of vegetable oil-based hyperbranched polyol via thiol-yne click reaction and their application in polyurethane. <i>Progress in Organic Coatings</i> , 2022, 164, 106700.	1.9	5
132	Conjoint analysis of high-performance fabrics for mountaineering jacket. <i>Fibers and Polymers</i> , 2007, 8, 649-653.	1.1	4
133	Synthesis of Conducting Composite of Polyaniline and Multi Wall Carbon Nanotube Grafted with Sulfonated Polystyrene. <i>Molecular Crystals and Liquid Crystals</i> , 2009, 510, 51/[1185]-59/[1193].	0.4	4
134	Polypropylene melt blown nonwovens for plate-type enthalpy exchanger. <i>Macromolecular Research</i> , 2012, 20, 4-9.	1.0	4
135	Fabrication of biodegradable polylactide foam for algal bloom control. <i>Fibers and Polymers</i> , 2015, 16, 2087-2093.	1.1	4
136	Effects of Macromonomeric Length of Ureidopyrimidinone-Induced Supramolecular Polymers on Their Crystalline Structure and Mechanical/Rheological Properties. <i>Macromolecular Research</i> , 2019, 27, 729-737.	1.0	4
137	Electric vehicle resistance from Korean and American millennials: Environmental concerns and perception. <i>Transportation Research, Part D: Transport and Environment</i> , 2022, 109, 103387.	3.2	4
138	Image analysis: A novel technique to determine the efficiency of wiping cloths. <i>Fibers and Polymers</i> , 2006, 7, 73-78.	1.1	3
139	Improvement of mechanical and electrical properties of poly(ethylene glycol) and cyanoresin based polymer electrolytes. <i>Fibers and Polymers</i> , 2006, 7, 89-94.	1.1	3
140	Organic solvent absorption characteristics of split-type microfiber fabrics. <i>Fibers and Polymers</i> , 2004, 5, 280-288.	1.1	2
141	Thermotropic Liquid Crystal Polymer Reinforced Polyesters. , 0, , 665-696.		2
142	Electrospinning of Polycarbonate/Tetrapyrzinoindoloporphyrazine Composite Fibers. <i>Molecular Crystals and Liquid Crystals</i> , 2007, 472, 181/[571]-191/[581].	0.4	2
143	Effect of Molecular Weight on the Mechanical and Optical Properties of Triacetyl Cellulose Films for LCD Applications. <i>Molecular Crystals and Liquid Crystals</i> , 2009, 510, 268/[1402]-281/[1415].	0.4	2
144	Effect of conformation on the properties of uniaxially drawn polylactide films upon drawing temperature. <i>Fibers and Polymers</i> , 2016, 17, 992-999.	1.1	2

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145	The effect of compression on the solid polymer electrolytes: Consideration of specific interaction. <i>Macromolecular Chemistry and Physics</i> , 2000, 201, 1802-1807.	1.1	1
146	Polymer electrolytes based on poly(ethylene glycol) and cyanoresin. <i>Journal of Applied Polymer Science</i> , 2007, 103, 2402-2408.	1.3	1
147	Segmentation of market for mountaineering jackets of high-performance fabrics. <i>Fibers and Polymers</i> , 2009, 10, 355-360.	1.1	1
148	Functional Nanofibers: Production and Applications. <i>Journal of Nanomaterials</i> , 2016, 2016, 1-2.	1.5	1
149	Biopolyurethane/Diethylhexyl Phthalate Hybrid Plasticizer for Flexible Polyvinyl Chloride. <i>Fibers and Polymers</i> , 2020, 21, 1180-1186.	1.1	1
150	Electromechanical Strain Responses of SEBS/Carbon Composite. <i>Molecular Crystals and Liquid Crystals</i> , 2010, 520, 44/[320]-48/[324].	0.4	0
151	The Optimum Condition of Coloring with Clay to Silk Fabric and It's Mineral Analysis of Colored Clay. <i>Journal of Fiber Science and Technology</i> , 2017, 73, 87-93.	0.2	0