

Ick Soo Kim

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8255682/publications.pdf>

Version: 2024-02-01

252
papers

8,700
citations

34105

52
h-index

76900

74
g-index

253
all docs

253
docs citations

253
times ranked

9045
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanofibers as new-generation materials: From spinning and nano-spinning fabrication techniques to emerging applications. <i>Applied Materials Today</i> , 2019, 17, 1-35.	4.3	296
2	Electrospun poly(vinyl alcohol) nanofibers: effects of degree of hydrolysis and enhanced water stability. <i>Polymer Journal</i> , 2010, 42, 273-276.	2.7	182
3	Thiol-functionalized cellulose nanofiber membranes for the effective adsorption of heavy metal ions in water. <i>Carbohydrate Polymers</i> , 2020, 234, 115881.	10.2	180
4	Reusability Comparison of Melt-Blown vs Nanofiber Face Mask Filters for Use in the Coronavirus Pandemic. <i>ACS Applied Nano Materials</i> , 2020, 3, 7231-7241.	5.0	177
5	A review of doping modulation in graphene. <i>Synthetic Metals</i> , 2018, 244, 36-47.	3.9	164
6	Cellulose acetate nanofibers embedded with AgNPs anchored TiO ₂ nanoparticles for long term excellent antibacterial applications. <i>Carbohydrate Polymers</i> , 2019, 207, 640-649.	10.2	123
7	Fabrication of nano-hydroxyapatite on electrospun silk fibroin nanofiber and their effects in osteoblastic behavior. <i>Journal of Biomedical Materials Research - Part A</i> , 2011, 97A, 272-280.	4.0	119
8	Manuka honey incorporated cellulose acetate nanofibrous mats: Fabrication and in vitro evaluation as a potential wound dressing. <i>International Journal of Biological Macromolecules</i> , 2020, 155, 479-489.	7.5	118
9	Tunichrome-inspired pyrogallol functionalized chitosan for tissue adhesion and hemostasis. <i>Carbohydrate Polymers</i> , 2019, 208, 77-85.	10.2	114
10	Zein/cellulose acetate hybrid nanofibers: Electrospinning and characterization. <i>Macromolecular Research</i> , 2014, 22, 971-977.	2.4	105
11	Theoretical study on fabrication of functionally graded material with density gradient by a centrifugal solid-particle method. <i>Composites Part A: Applied Science and Manufacturing</i> , 2006, 37, 2194-2200.	7.6	103
12	Copper oxide (CuO) loaded polyacrylonitrile (PAN) nanofiber membranes for antimicrobial breath mask applications. <i>Current Research in Biotechnology</i> , 2019, 1, 1-10.	3.7	101
13	Cationic-cellulose nanofibers: Preparation and dyeability with anionic reactive dyes for apparel application. <i>Carbohydrate Polymers</i> , 2013, 91, 434-443.	10.2	95
14	Dry Synthesis of Easily Tunable Nano Ruthenium Supported on Graphene: Novel Nanocatalysts for Aerial Oxidation of Alcohols and Transfer Hydrogenation of Ketones. <i>Journal of Physical Chemistry C</i> , 2013, 117, 23582-23596.	3.1	93
15	Noble metal/functionalized cellulose nanofiber composites for catalytic applications. <i>Carbohydrate Polymers</i> , 2015, 132, 554-564.	10.2	91
16	An efficient, reusable copper-oxide/carbon-nanotube catalyst for N-arylation of imidazole. <i>Carbon</i> , 2013, 62, 135-148.	10.3	90
17	Chemical and Physical Interactions of 1-Benzoyl-3,3-Disubstituted Thiourea Derivatives on Mild Steel Surface: Corrosion Inhibition in Acidic Media. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 7910-7922.	3.7	85
18	Stabilized nanofibers of polyvinyl alcohol (PVA) crosslinked by unique method for efficient removal of heavy metal ions. <i>Journal of Water Process Engineering</i> , 2020, 33, 101111.	5.6	85

#	ARTICLE	IF	CITATIONS
19	Electrospun tri-layered zein/PVP-GO/zein nanofiber mats for providing biphasic drug release profiles. <i>International Journal of Pharmaceutics</i> , 2017, 531, 101-107.	5.2	84
20	Control of the morphology of cellulose acetate nanofibers via electrospinning. <i>Cellulose</i> , 2018, 25, 2829-2837.	4.9	83
21	Fabrication of electrospun chitosan/cellulose nanofibers having adsorption property with enhanced mechanical property. <i>Cellulose</i> , 2019, 26, 1781-1793.	4.9	83
22	Design and characterization of dual drug delivery based on in-situ assembled PVA/PAN core-shell nanofibers for wound dressing application. <i>Scientific Reports</i> , 2019, 9, 12640.	3.3	81
23	Gold, silver and nickel nanoparticle anchored cellulose nanofiber composites as highly active catalysts for the rapid and selective reduction of nitrophenols in water. <i>RSC Advances</i> , 2018, 8, 3014-3023.	3.6	80
24	A review on the fabrication of several carbohydrate polymers into nanofibrous structures using electrospinning for removal of metal ions and dyes. <i>Carbohydrate Polymers</i> , 2021, 252, 117175.	10.2	80
25	Effect of deacetylation on wicking behavior of co-electrospun cellulose acetate/polyvinyl alcohol nanofibers blend. <i>Carbohydrate Polymers</i> , 2012, 87, 2183-2188.	10.2	79
26	Ultrasonic-assisted deacetylation of cellulose acetate nanofibers: A rapid method to produce cellulose nanofibers. <i>Ultrasonics Sonochemistry</i> , 2017, 36, 319-325.	8.2	79
27	Reusable carbon nanofibers for efficient removal of methylene blue from aqueous solution. <i>Chemical Engineering Research and Design</i> , 2018, 136, 744-752.	5.6	77
28	Electrospun Zein Nanofiber as a Green and Recyclable Adsorbent for the Removal of Reactive Black 5 from the Aqueous Phase. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 4340-4351.	6.7	76
29	Grain refining performance for Al and Al-Si alloy casts by addition of equal-channel angular pressed Al-5mass% Ti alloy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2006, 425, 55-63.	5.6	75
30	Construction of aerogels based on nanocrystalline cellulose and chitosan for high efficient oil/water separation and water disinfection. <i>Carbohydrate Polymers</i> , 2020, 243, 116461.	10.2	75
31	Dyeing and characterization of cellulose nanofibers to improve color yields by dual padding method. <i>Cellulose</i> , 2013, 20, 1469-1476.	4.9	74
32	Preparation and characterization of polyketone (PK) fibrous membrane via electrospinning. <i>Polymer</i> , 2010, 51, 2007-2012.	3.8	73
33	Lightweight nanofibrous EMI shielding nanowebs prepared by electrospinning and metallization. <i>Composites Science and Technology</i> , 2012, 72, 1233-1239.	7.8	71
34	Silver coated anionic cellulose nanofiber composites for an efficient antimicrobial activity. <i>Carbohydrate Polymers</i> , 2016, 149, 51-59.	10.2	71
35	Polyvinyl alcohol nanofiber based three phase wound dressings for sustained wound healing applications. <i>Materials Letters</i> , 2019, 241, 168-171.	2.6	70
36	Enhanced Wettability and Thermal Stability of a Novel Polyethylene Terephthalate-Based Poly(Vinylidene Fluoride) Nanofiber Hybrid Membrane for the Separator of Lithium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 26400-26406.	8.0	69

#	ARTICLE	IF	CITATIONS
37	Structural, optical, and multiferroic properties of single phased BiFeO ₃ . Applied Physics A: Materials Science and Processing, 2014, 114, 853-859.	2.3	68
38	Sub-micron silk fibroin film with high humidity sensibility through color changing. RSC Advances, 2017, 7, 17889-17897.	3.6	66
39	Silver sulfadiazine loaded zein nanofiber mats as a novel wound dressing. RSC Advances, 2019, 9, 268-277.	3.6	64
40	Ultrasonic dyeing of cellulose nanofibers. Ultrasonics Sonochemistry, 2016, 31, 350-354.	8.2	63
41	Fabrication of antibacterial electrospun cellulose acetate/ silver-sulfadiazine nanofibers composites for wound dressings applications. Polymer Testing, 2019, 74, 39-44.	4.8	63
42	Zinc oxide nanoparticles attached to polyacrylonitrile nanofibers with hinokitiol as gluing agent for synergistic antibacterial activities and effective dye removal. Journal of Industrial and Engineering Chemistry, 2020, 85, 258-268.	5.8	61
43	Bioactive Sambong oil-loaded electrospun cellulose acetate nanofibers: Preparation, characterization, and in-vitro biocompatibility. International Journal of Biological Macromolecules, 2021, 166, 1009-1021.	7.5	61
44	Dyeing and characterization of regenerated cellulose nanofibers with vat dyes. Carbohydrate Polymers, 2017, 174, 443-449.	10.2	59
45	Antibacterial property and characterization of cotton fabric treated with chitosan/AgCl@TiO ₂ colloid. Carbohydrate Polymers, 2013, 96, 326-331.	10.2	58
46	Synthesis and attachment of silver and copper nanoparticles on cellulose nanofibers and comparative antibacterial study. Cellulose, 2019, 26, 6629-6640.	4.9	58
47	Sustainable and Versatile CuO/GNS Nanocatalyst for Highly Efficient Base Free Coupling Reactions. ACS Sustainable Chemistry and Engineering, 2015, 3, 2478-2488.	6.7	57
48	Rhus verniciflua as a green corrosion inhibitor for mild steel in 1 M H ₂ SO ₄ . RSC Advances, 2016, 6, 57144-57153.	3.6	57
49	Fabrication and EMI shielding effectiveness of Ag-decorated highly porous poly(vinyl alcohol)/Fe ₂ O ₃ nanofibrous composites. Materials Chemistry and Physics, 2012, 135, 1024-1029.	4.0	56
50	Self-Cleaning Properties of Electrospun PVA/TiO ₂ and PVA/ZnO Nanofibers Composites. Nanomaterials, 2018, 8, 644.	4.1	56
51	Cold pad-batch dyeing of cellulose nanofibers with reactive dyes. Cellulose, 2014, 21, 3089-3095.	4.9	55
52	Highly Active, Selective, and Reusable RuO ₂ /SWCNT Catalyst for Heck Olefination of Aryl Halides. ACS Catalysis, 2014, 4, 2118-2129.	11.2	55
53	Effect of Ti and W on the Mechanical Properties and Microstructure of 12% Cr Base Mechanical-alloyed Nano-sized ODS Ferritic Alloys. ISIJ International, 2003, 43, 1640-1646.	1.4	54
54	Characterizations and application of CA/ZnO/AgNP composite nanofibers for sustained antibacterial properties. Materials Science and Engineering C, 2019, 105, 110077.	7.3	54

#	ARTICLE	IF	CITATIONS
55	Preparation and characterizations of multifunctional PVA/ZnO nanofibers composite membranes for surgical gown application. <i>Journal of Materials Research and Technology</i> , 2019, 8, 1328-1334.	5.8	54
56	Electrospun antibacterial polyacrylonitrile nanofiber membranes functionalized with silver nanoparticles by a facile wetting method. <i>European Polymer Journal</i> , 2018, 108, 69-75.	5.4	53
57	Accelerated skin wound healing using electrospun nanofibrous mats blended with mussel adhesive protein and polycaprolactone. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 218-225.	4.0	52
58	A comparative study on synthesis of AgNPs on cellulose nanofibers by thermal treatment and DMF for antibacterial activities. <i>Materials Science and Engineering C</i> , 2019, 98, 1179-1195.	7.3	51
59	Preparation and In-Vitro Assessment of Hierarchical Organized Antibacterial Breath Mask Based on Polyacrylonitrile/Silver (PAN/AgNPs) Nanofiber. <i>Nanomaterials</i> , 2018, 8, 461.	4.1	50
60	Recent Nanofiber Technologies. <i>Polymer Reviews</i> , 2011, 51, 235-238.	10.9	49
61	Antibacterial properties of in situ and surface functionalized impregnation of silver sulfadiazine in polyacrylonitrile nanofiber mats. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 2693-2703.	6.7	48
62	Nitrogen- and Oxygen-Containing Porous Ultrafine Carbon Nanofiber: A Highly Flexible Electrode Material for Supercapacitor. <i>Journal of Materials Science and Technology</i> , 2017, 33, 424-431.	10.7	47
63	Molecular Orientation and Crystalline Structure of Aligned Electrospun Nylon-6 Nanofibers: Effect of Gap Size. <i>Macromolecular Materials and Engineering</i> , 2010, 295, 1090-1096.	3.6	46
64	Three-dimensional cheese-like carbon nanoarchitecture with tremendous surface area and pore construction derived from corn as superior electrode materials for supercapacitors. <i>Applied Surface Science</i> , 2017, 409, 52-59.	6.1	46
65	Zein nanofibers via deep eutectic solvent electrospinning: tunable morphology with super hydrophilic properties. <i>Scientific Reports</i> , 2020, 10, 15307.	3.3	46
66	Enhancement of mechanical properties of polymeric nanofibers by controlling crystallization behavior using a simple freezing/thawing process. <i>RSC Advances</i> , 2017, 7, 43994-44000.	3.6	45
67	Development of Polypropylene Nanofiber Production System. <i>Polymer Reviews</i> , 2011, 51, 288-308.	10.9	44
68	Facile and homogeneous decoration of RuO ₂ nanorods on graphene nanoplatelets for transfer hydrogenation of carbonyl compounds. <i>Catalysis Science and Technology</i> , 2013, 3, 1485.	4.1	44
69	Needle-like MnO ₂ /activated carbon nanocomposites derived from human hair as versatile electrode materials for supercapacitors. <i>RSC Advances</i> , 2015, 5, 81492-81498.	3.6	44
70	Co-electrospun poly(ϵ -caprolactone)/cellulose nanofibers-fabrication and characterization. <i>Carbohydrate Polymers</i> , 2015, 115, 388-393.	10.2	42
71	Lignin-mediated in-situ synthesis of CuO nanoparticles on cellulose nanofibers: A potential wound dressing material. <i>International Journal of Biological Macromolecules</i> , 2021, 173, 315-326.	7.5	42
72	Carboxymethyl Cellulose (CMC) Based Electrospun Composite Nanofiber Mats for Food Packaging. <i>Polymers</i> , 2021, 13, 302.	4.5	42

#	ARTICLE	IF	CITATIONS
73	Antibacterial mechanisms of various copper species incorporated in polymeric nanofibers against bacteria. <i>Materials Today Communications</i> , 2020, 25, 101377.	1.9	41
74	Cellulose acetate/multi-wall carbon nanotube/Ag nanofiber composite for antibacterial applications. <i>Materials Science and Engineering C</i> , 2020, 110, 110679.	7.3	41
75	Microstructures of functionally graded materials fabricated by centrifugal solid-particle and in-situ methods. <i>Metals and Materials International</i> , 2005, 11, 391-399.	3.4	40
76	Catalytic N-oxidation of tertiary amines on RuO ₂ NPs anchored graphene nanoplatelets. <i>Catalysis Science and Technology</i> , 2014, 4, 2099.	4.1	40
77	Highly dispersed nanoscale hydroxyapatite on cellulose nanofibers for bone regeneration. <i>Materials Letters</i> , 2016, 168, 56-61.	2.6	40
78	Fabrication of electrospun antibacterial PVA/Cs nanofibers loaded with CuNPs and AgNPs by an in-situ method. <i>Polymer Testing</i> , 2018, 72, 315-321.	4.8	40
79	Juniperus chinensis extracts loaded PVA nanofiber: Enhanced antibacterial activity. <i>Materials Letters</i> , 2016, 181, 367-370.	2.6	39
80	Fabrication and characterization of nanofibers of honey/poly(1,4-cyclohexane dimethylene isosorbide) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (fluoride-co-hex	7.3	39
81	Ultrasonic-assisted dyeing of Nylon-6 nanofibers. <i>Ultrasonics Sonochemistry</i> , 2017, 39, 34-38.	8.2	38
82	Fabrication and characterization of reinforced electrospun poly(vinylidene fluoride-co-hex	7.8	37
83	Fabrication of Two Polyester Nanofiber Types Containing the Biobased Monomer Isosorbide: Poly (Ethylene Glycol 1,4-Cyclohexane Dimethylene Isosorbide Terephthalate) and Poly (1,4-Cyclohexane) Tj ETQq1 1 0.784314 rgBT /Over	7.8	37
84	Multiwalled carbon nanotubes incorporated bombyx mori silk nanofibers by electrospinning. <i>Journal of Polymer Research</i> , 2011, 18, 579-585.	2.4	36
85	High thermal stability and high tensile strength terpolyester nanofibers containing biobased monomer: fabrication and characterization. <i>RSC Advances</i> , 2016, 6, 40383-40388.	3.6	36
86	Antibacterial efficacy of poly(vinyl alcohol) composite nanofibers embedded with silver-anchored silica nanoparticles. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018, 106, 1121-1128.	3.4	36
87	Thiol-based chemistry as versatile routes for the effective functionalization of cellulose nanofibers. <i>Carbohydrate Polymers</i> , 2019, 226, 115259.	10.2	36
88	Electrospun Momordica charantia incorporated polyvinyl alcohol (PVA) nanofibers for antibacterial applications. <i>Materials Today Communications</i> , 2020, 24, 101161.	1.9	36
89	Preparation and characterization of hybrid polycaprolactone/cellulose ultrafine fibers via electrospinning. <i>Macromolecular Research</i> , 2014, 22, 562-568.	2.4	35
90	Preparation of colored recycled polyethylene terephthalate nanofibers from waste bottles: Physicochemical studies. <i>Advances in Polymer Technology</i> , 2018, 37, 2820-2827.	1.7	35

#	ARTICLE	IF	CITATIONS
91	Effect of molecular weight on the structure and mechanical properties of silk sericin gel, film, and sponge. <i>International Journal of Biological Macromolecules</i> , 2018, 119, 821-832.	7.5	35
92	UV-responsive polyvinyl alcohol nanofibers prepared by electrospinning. <i>Applied Surface Science</i> , 2015, 342, 64-68.	6.1	34
93	Electrospun tungsten trioxide nanofibers decorated with palladium oxide nanoparticles exhibiting enhanced photocatalytic activity. <i>RSC Advances</i> , 2017, 7, 6108-6113.	3.6	34
94	Allantoin-loaded porous silica nanoparticles/polycaprolactone nanofiber composites: fabrication, characterization, and drug release properties. <i>RSC Advances</i> , 2016, 6, 4593-4600.	3.6	32
95	Highly efficient and robust electrospun nanofibers for selective removal of acid dye. <i>Journal of Molecular Liquids</i> , 2017, 244, 478-488.	4.9	32
96	Optimized Loading of Carboxymethyl Cellulose (CMC) in Tri-component Electrospun Nanofibers Having Uniform Morphology. <i>Polymers</i> , 2020, 12, 2524.	4.5	32
97	Pad dyeing of cellulose acetate nanofibres with disperse dyes. <i>Coloration Technology</i> , 2013, 129, 159-163.	1.5	31
98	Robust Au@Ag/graphene bimetallic nanocatalyst for multifunctional activity with high synergism. <i>Chemical Engineering Journal</i> , 2016, 300, 146-159.	12.7	31
99	Transition behaviors and hybrid nanofibers of poly(vinyl alcohol) and polyethylene glycol@POSS telechelic blends. <i>Colloid and Polymer Science</i> , 2011, 289, 863-870.	2.1	30
100	Mechanical Properties of Poly(vinylidene fluoride) Nanofiber Filaments Prepared by Electrospinning and Twisting. <i>Advances in Polymer Technology</i> , 2013, 32, .	1.7	30
101	Sonication induced effective approach for coloration of compact polyacrylonitrile (PAN) nanofibers. <i>Ultrasonics Sonochemistry</i> , 2019, 51, 399-405.	8.2	30
102	Training effect on damping capacity in Fe@20mass% Mn binary alloy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2008, 490, 138-145.	5.6	29
103	Development of electrospun metallic hybrid nanofibers via metallization. <i>Polymers for Advanced Technologies</i> , 2010, 21, 746-751.	3.2	29
104	Fabrication of Phaeodactylum tricornutum extract-loaded gelatin nanofibrous mats exhibiting antimicrobial activity. <i>International Journal of Biological Macromolecules</i> , 2014, 63, 198-204.	7.5	29
105	Graphene oxide as a polymeric N-halamine carrier and release platform: Highly-efficient, sustained-release antibacterial property and great storage stability. <i>Materials Science and Engineering C</i> , 2019, 103, 109877.	7.3	29
106	Structural characteristics and biological performance of silk fibroin nanofiber containing microalgae spirulina extract. <i>Biopolymers</i> , 2014, 101, 307-318.	2.4	28
107	Handspinning Enabled Highly Concentrated Carbon Nanotubes with Controlled Orientation in Nanofibers. <i>Scientific Reports</i> , 2016, 6, 37590.	3.3	28
108	Facile Mechanochemical Synthesis of Nickel/Graphene Oxide Nanocomposites with Unique and Tunable Morphology: Applications in Heterogeneous Catalysis and Supercapacitors. <i>Catalysts</i> , 2019, 9, 486.	3.5	27

#	ARTICLE	IF	CITATIONS
109	Wet-spun bi-component alginate based hydrogel fibers: Development and in-vitro evaluation as a potential moist wound care dressing. <i>International Journal of Biological Macromolecules</i> , 2021, 168, 601-610.	7.5	27
110	Evaluating Antibacterial Efficacy and Biocompatibility of PAN Nanofibers Loaded with Diclofenac Sodium Salt. <i>Polymers</i> , 2021, 13, 510.	4.5	27
111	Industrial-Quality Graphene Oxide Switched Highly Efficient Metal- and Solvent-Free Synthesis of β -Ketoenamines under Feasible Conditions. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 1253-1259.	6.7	26
112	Aqueous hardness removal by anionic functionalized electrospun cellulose nanofibers. <i>Cellulose</i> , 2018, 25, 5985-5997.	4.9	26
113	Structural analysis of embedding polyethylene glycol in silica aerogel. <i>Microporous and Mesoporous Materials</i> , 2021, 310, 110636.	4.4	26
114	Synthesis of hydroxyapatite crystals using titanium oxide electrospun nanofibers. <i>Materials Science and Engineering C</i> , 2008, 28, 70-74.	7.3	25
115	A highly hydrophilic water-insoluble nanofiber composite as an efficient and easily-handleable adsorbent for the rapid adsorption of cesium from radioactive wastewater. <i>RSC Advances</i> , 2014, 4, 59571-59578.	3.6	25
116	Electrospun Nanofiber-Based Viroblock/ZnO/PAN Hybrid Antiviral Nanocomposite for Personal Protective Applications. <i>Nanomaterials</i> , 2021, 11, 2208.	4.1	25
117	Cyclodextrin functionalized cellulose nanofiber composites for the faster adsorption of toluene from aqueous solution. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2017, 70, 352-358.	5.3	24
118	Development of antibacterial contact lenses containing metallic nanoparticles. <i>Polymer Testing</i> , 2019, 79, 106034.	4.8	24
119	Electrospun Zein nanofibers as drug carriers for controlled delivery of Levodopa in Parkinson syndrome. <i>Materials Research Express</i> , 2019, 6, 075405.	1.6	24
120	Reducing-agent-free facile preparation of Rh-nanoparticles uniformly anchored on onion-like fullerene for catalytic applications. <i>RSC Advances</i> , 2020, 10, 2545-2559.	3.6	24
121	Fabricating Antibacterial and Antioxidant Electrospun Hydrophilic Polyacrylonitrile Nanofibers Loaded with AgNPs by Lignin-Induced In-Situ Method. <i>Polymers</i> , 2021, 13, 748.	4.5	24
122	Effects of pH on electrospun PVA/acid-treated MWNT composite nanofibers. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012, 409, 112-117.	4.7	23
123	The synthesis of silver-nanoparticle-anchored electrospun polyacrylonitrile nanofibers and a comparison with as-spun silver/polyacrylonitrile nanocomposite membranes upon antibacterial activity. <i>Polymer Bulletin</i> , 2020, 77, 4197-4212.	3.3	23
124	Comparison of fabrication methods for the effective loading of Ag onto PVA nanofibers. <i>Textile Research Journal</i> , 2019, 89, 625-634.	2.2	22
125	Characterization and biocompatibility evaluation of artificial blood vessels prepared from pristine poly (Ethylene-glycol-co-1,4-cyclohexane dimethylene-co-isosorbide terephthalate), poly (1, 4) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	1.9	22
126	Investigation of Mechanical, Chemical, and Antibacterial Properties of Electrospun Cellulose-Based Scaffolds Containing Orange Essential Oil and Silver Nanoparticles. <i>Polymers</i> , 2022, 14, 85.	4.5	22

#	ARTICLE	IF	CITATIONS
127	Synthesis of praseodymium oxide nanofiber by electrospinning. Superlattices and Microstructures, 2011, 50, 139-144.	3.1	21
128	Improved supercapacitor potential and antibacterial activity of bimetallic CNFsâ€“Snâ€“ZrO ₂ nanofibers: fabrication and characterization. RSC Advances, 2014, 4, 17268-17273.	3.6	21
129	Interconnected ruthenium dioxide nanoparticles anchored on graphite oxide: Highly efficient candidate for solvent-free oxidative synthesis of imines. Journal of Industrial and Engineering Chemistry, 2017, 46, 279-288.	5.8	21
130	Readily Functionalizable and Stabilizable Polymeric Particles with Controlled Size and Morphology by Electrospray. Scientific Reports, 2018, 8, 15725.	3.3	21
131	Synthesis of Highly Conductive Electrospun Recycled Polyethylene Terephthalate Nanofibers Using the Electroless Deposition Method. Nanomaterials, 2021, 11, 531.	4.1	21
132	Mechanical Properties, Morphologies, and Microstructures of Novel Electrospun Metallized Nanofibers. Advanced Engineering Materials, 2011, 13, 376-382.	3.5	20
133	Mechanical and Electromagnetic Interference Shielding Properties of Poly(vinyl alcohol)/Graphene and Poly(vinyl alcohol)/Multi-Walled Carbon Nanotube Composite Nanofiber Mats and the Effect of Cu Top-Layer Coating. Journal of Nanoscience and Nanotechnology, 2013, 13, 1759-1764.	0.9	20
134	Fabrication of silk fibroin/eggshell nanofiber membranes for facemasks. Fibers and Polymers, 2016, 17, 1776-1781.	2.1	20
135	Cell adhesion behavior of poly(μ -caprolactone)/poly(L-lactic acid) nanofibers scaffold. Materials Letters, 2016, 171, 178-181.	2.6	19
136	Human Hair: A Suitable Platform for Catalytic Nanoparticles. ACS Sustainable Chemistry and Engineering, 2016, 4, 5409-5414.	6.7	19
137	Utilization of Human Hair as a Synergistic Support for Ag, Au, Cu, Ni, and Ru Nanoparticles: Application in Catalysis. Industrial & Engineering Chemistry Research, 2017, 56, 1926-1939.	3.7	19
138	The fabrications and characterizations of antibacterial PVA/Cu nanofibers composite membranes by synthesis of Cu nanoparticles from solution reduction, nanofibers reduction and immersion methods. Materials Research Express, 2019, 6, 075051.	1.6	19
139	The development of nanofiber tubes based on nanocomposites of polyvinylpyrrolidone incorporated gold nanoparticles as scaffolds for neuroscience application in axons. Textile Research Journal, 2019, 89, 2713-2720.	2.2	19
140	Ultrasonic-assisted dyeing of silk fibroin nanofibers: an energy-efficient coloration at room temperature. Applied Nanoscience (Switzerland), 2020, 10, 917-930.	3.1	19
141	In-vitro assessment of appropriate hydrophilic scaffolds by co-electrospinning of poly(1,4) Tj ETQq1 1 0.784314 rgBT/Overlock 10 Tf 50	3.3	19
142	Effect of organic solvent on morphology and mechanical properties of electrospun syndiotactic polypropylene nanofibers. Polymer Bulletin, 2011, 67, 2025-2033.	3.3	18
143	Synthesis, Characterization, and Electrochemical Studies of Novel Biphenyl Based Compounds. Industrial & Engineering Chemistry Research, 2012, 51, 3966-3974.	3.7	18
144	Photodegradation of dyes by a novel TiO ₂ /u-RuO ₂ /GNS nanocatalyst derived from Ru/GNS after its use as a catalyst in the aerial oxidation of primary alcohols (GNS=Graphene nanosheets). Reaction Kinetics, Mechanisms and Catalysis, 2015, 115, 759-772.	1.7	18

#	ARTICLE	IF	CITATIONS
145	Fabrication of silk fibroin based three dimensional scaffolds for tissue engineering. <i>Fibers and Polymers</i> , 2016, 17, 1140-1145.	2.1	18
146	Post-electrospinning thermal treatments on poly(4-methyl-1-pentene) nanofiber membranes for improved mechanical properties. <i>Polymer Bulletin</i> , 2017, 74, 5221-5230.	3.3	18
147	Ultrasonic energy-assisted coloration of polyurethane nanofibers. <i>Applied Nanoscience (Switzerland)</i> , 2018, 8, 1505-1514.	3.1	18
148	Tailored assembly of vinylbenzyl N-halamine with end-activated ZnO to form hybrid nanoparticles for quick antibacterial response and enhanced UV stability. <i>Journal of Alloys and Compounds</i> , 2019, 797, 692-701.	5.5	18
149	<i>In vitro</i> assessment of dual-network electrospun tubes from poly(1,4 cyclohexane dimethylene) Tj ETQq1 1 0.784314 rgBT /Ov Science, 2019, 136, 47222.	2.6	18
150	A facile approach to synthesize highly conductive electrospun aramid nanofibers via electroless deposition. <i>Materials Chemistry and Physics</i> , 2020, 255, 123614.	4.0	18
151	Polyacrylonitrile/Carbon Black nanoparticle/Nano-Hydroxyapatite (PAN/nCB/HA) composite nanofibrous matrix as a potential biomaterial scaffold for bone regenerative applications. <i>Materials Today Communications</i> , 2021, 27, 102259.	1.9	18
152	Extraction of Natural Dye from Aerial Parts of Argy Wormwood Based on Optimized Taguchi Approach and Functional Finishing of Cotton Fabric. <i>Materials</i> , 2021, 14, 5850.	2.9	18
153	Fabrication and Characterization of Electrospun Folic Acid/Hybrid Fibers: In Vitro Controlled Release Study and Cytocompatibility Assays. <i>Polymers</i> , 2021, 13, 3594.	4.5	18
154	Effect of Oxide Dispersion on Dendritic Grain Growth Characteristics of Cast Aluminum Alloy. <i>Materials Transactions</i> , 2010, 51, 1951-1957.	1.2	17
155	Fabrication of Uniaxially Aligned Poly(propylene) Nanofibers via Handspinning. <i>Macromolecular Materials and Engineering</i> , 2011, 296, 568-573.	3.6	17
156	Self-cleaning effect of electrospun poly (1,4-cyclohexanedimethylene isosorbide terephthalate) nanofibers embedded with zinc oxide nanoparticles. <i>Textile Research Journal</i> , 2018, 88, 2493-2498.	2.2	17
157	Fabrication and Characterization of Novel Antibacterial Ultrafine Nylon-6 Nanofibers Impregnated by Garlic Sour. <i>Fibers and Polymers</i> , 2020, 21, 2780-2787.	2.1	17
158	An optimistic approach from hydrophobic to super hydrophilic nanofibers for enhanced absorption properties. <i>Polymer Testing</i> , 2020, 90, 106683.	4.8	16
159	Fabrication and characterization of wound dressings containing gentamicin/silver for wounds in diabetes mellitus patients. <i>Materials Research Express</i> , 2020, 7, 045004.	1.6	16
160	Fabrication of Poly(Ethylene-glycol 1,4-Cyclohexane Dimethylene-Isosorbide-Terephthalate) Electrospun Nanofiber Mats for Potential Infiltration of Fibroblast Cells. <i>Polymers</i> , 2021, 13, 1245.	4.5	16
161	Performance Evaluation of Jute/Glass-Fiber-Reinforced Polybutylene Succinate (PBS) Hybrid Composites with Different Layering Configurations. <i>Materials</i> , 2022, 15, 1055.	2.9	16
162	Functionally Graded Material Fabricated by a Centrifugal Method from ZK60A Magnesium Alloy. <i>Materials Transactions</i> , 2005, 46, 944-949.	1.2	15

#	ARTICLE	IF	CITATIONS
163	Osteoblastic cells culture on electrospun poly(ϵ -caprolactone) scaffolds incorporating amphiphilic PEG-POSS telechelic. <i>Journal of Materials Science: Materials in Medicine</i> , 2013, 24, 2029-2036.	3.6	15
164	Cellulose acetate nanofiber mat with honeycomb-like surface structure. <i>Materials Letters</i> , 2016, 169, 33-36.	2.6	15
165	Effect of graphene incorporation in carbon nanofiber decorated with TiO ₂ for photoanode applications. <i>RSC Advances</i> , 2017, 7, 6574-6582.	3.6	15
166	The mechanistic actions of different silver species at the surfaces of polyacrylonitrile nanofibers regarding antibacterial activities. <i>Materials Today Communications</i> , 2019, 21, 100622.	1.9	15
167	Processing of metallic fiber hybrid spun yarns for better electrical conductivity. <i>Materials and Manufacturing Processes</i> , 2019, 34, 1008-1015.	4.7	15
168	Active loading graphite/hydroxyapatite into the stable hydroxyethyl cellulose scaffold nanofibers for artificial cornea application. <i>Cellulose</i> , 2020, 27, 3319-3334.	4.9	15
169	Conductive and antibacterial cellulose nanofibers decorated with copper nanoparticles for potential application in wearable devices. <i>Journal of Applied Polymer Science</i> , 2021, 138, 51381.	2.6	15
170	Heterogeneous Ag@ZnO nanorods decorated on polyacrylonitrile fiber membrane for enhancing the photocatalytic and antibacterial properties. <i>Colloids and Interface Science Communications</i> , 2021, 45, 100543.	4.1	15
171	The Chemical Deposition Method for the Decoration of Palladium Particles on Carbon Nanofibers with Rapid Conductivity Changes. <i>Nanomaterials</i> , 2016, 6, 226.	4.1	14
172	Nanofibers: Emerging Progress on Fabrication Using Mechanical Force and Recent Applications. <i>Polymer Reviews</i> , 2018, 58, 688-716.	10.9	14
173	Fabrication of Antibacterial Nanofibers Composites by Functionalizing the Surface of Cellulose Acetate Nanofibers. <i>ChemistrySelect</i> , 2020, 5, 1315-1321.	1.5	14
174	Sea-Island-Like Morphology of CuNi Bimetallic Nanoparticles Uniformly Anchored on Single Layer Graphene Oxide as a Highly Efficient and Noble-Metal-Free Catalyst for Cyanation of Aryl Halides. <i>Scientific Reports</i> , 2020, 10, 677.	3.3	14
175	Lubricating Characteristic of Grease Composites with CNT Additive. <i>Tribology Online</i> , 2011, 6, 247-250.	0.9	13
176	Preparation and characterization of electrospun poly(ϵ -caprolactone)-poly(L-lactic acid) nanofiber tubes. <i>Journal of Materials Science</i> , 2013, 48, 3659-3664.	3.7	13
177	Dopa-based facile procedure to synthesize AgNP/cellulose nanofiber composite for antibacterial applications. <i>Applied Nanoscience (Switzerland)</i> , 2019, 9, 1661-1670.	3.1	13
178	Fabrication of Poly(vinyl alcohol)/Cellulose Nanofiber Derivative from Kenaf Bast Fiber via Electrospinning. <i>Nanoscience and Nanotechnology Letters</i> , 2016, 8, 168-172.	0.4	13
179	Salts and water-free dyeing of cellulose nanofibers using novel green deep eutectic solvents: Isotherm, kinetics, and thermodynamic studies. <i>Journal of Applied Polymer Science</i> , 2022, 139, .	2.6	13
180	Annealing effects on mechanical properties and shape memory behaviors of silicone-coated elastomeric polycaprolactone nanofiber filaments. <i>Materials Letters</i> , 2014, 131, 128-131.	2.6	12

#	ARTICLE	IF	CITATIONS
181	Development of VOCs gas sensor with high sensitivity using colorimetric polymer nanofiber: a unique sensing method. <i>Materials Research Express</i> , 2019, 6, 105372.	1.6	12
182	Castor oil-based polyols with gradually increasing functionalities for biopolyurethane synthesis. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48304.	2.6	12
183	Photosensitive nanofibers for data recording and erasing. <i>Journal of the Textile Institute</i> , 2021, 112, 429-436.	1.9	12
184	<i>Sabina chinensis</i> leaf extracted and <i>in situ</i> incorporated polycaprolactone/polyvinylpyrrolidone electrospun microfibers for antibacterial application. <i>RSC Advances</i> , 2021, 11, 18231-18240.	3.6	12
185	An Experimental Study on Modelling the Physical Properties of Composite Psyllium, Alginate and Chitosan Fibers Using Box-Behnken Technique. <i>Fibers and Polymers</i> , 2020, 21, 2494-2504.	2.1	12
186	Highly Porous Ru/C and Cu/C Nanocatalysts Derived from Custard Apple for Rapid and Selective Reduction of p-Nitrophenol. <i>Nano Progress</i> , 2019, 1, .	0.2	12
187	Electrospun PVA/CuONPs/Bitter Gourd Nanofibers with Improved Cytocompatibility and Antibacterial Properties: Application as Antibacterial Wound Dressing. <i>Polymers</i> , 2022, 14, 1361.	4.5	12
188	Thermal Insulation, Antibacterial and Mold Properties of Breathable Nanofiber-Laminated Wallpapers. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 4929-4933.	0.9	11
189	Silicone-coated elastomeric polylactide nanofiber filaments: mechanical properties and shape memory behavior. <i>RSC Advances</i> , 2013, 3, 20091.	3.6	11
190	Epoxy-containing Copolymers: A Versatile Toolbox for Functional Nanofiber Mats with Desired Chemical Functionalities. <i>Advanced Materials Interfaces</i> , 2018, 5, 1800506.	3.7	11
191	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.	3.1	11
192	The Assessment of Finishing Properties on the Mass per Unit Area, Pilling, Bursting Strength, and Wicking Behavior of Polyester Weft-Knitted Jersey Fabric. <i>Coatings</i> , 2020, 10, 723.	2.6	11
193	Effect of epsilon martensite on the damping of high strength Fe-Cr-Mn alloys. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2004, 370, 519-523.	5.6	10
194	Effect of Precipitation of σ -Phase and N Addition on the Mechanical Properties in 25Cr-7Ni-4Mo-2W Super Duplex Stainless Steel. <i>Materials Transactions</i> , 2005, 46, 1656-1662.	1.2	10
195	Novel method to evaluate the net wear volume of bag-filter by fly ash. <i>Journal of Hazardous Materials</i> , 2009, 161, 775-780.	12.4	10
196	Effects of plasticizer on the mechanical properties of kenaf/starch bio-composites. <i>Fibers and Polymers</i> , 2013, 14, 2135-2140.	2.1	10
197	Effects of Organic Solvent and Solution Temperature on Electrospun Polyvinylidene Fluoride Nanofibers. <i>Journal of Nanoscience and Nanotechnology</i> , 2013, 13, 2708-2713.	0.9	10
198	Deodorant activity of phthalocyanine complex nanofiber. <i>Textile Research Journal</i> , 2018, 88, 630-635.	2.2	10

#	ARTICLE	IF	CITATIONS
199	Efficient removal of reactive blue-19 dye by co-electrospun nanofibers. <i>Materials Research Express</i> , 2021, 8, 055502.	1.6	10
200	Screen-printed electrospun cellulose nanofibers using reactive dyes. <i>Cellulose</i> , 2017, 24, 4561-4568.	4.9	9
201	Development and characterization of conductive ring spun hybrid yarns. <i>Journal of the Textile Institute</i> , 2019, 110, 141-150.	1.9	9
202	Adsorptive defluoridation from aqueous solution using a novel blend of eggshell powder and chitosan nanofibers. <i>Materials Research Express</i> , 2020, 7, 125005.	1.6	9
203	Preparation of a Cage-Type Polyglycolic Acid/Collagen Nanofiber Blend with Improved Surface Wettability and Handling Properties for Potential Biomedical Applications. <i>Polymers</i> , 2021, 13, 3458.	4.5	9
204	“Clay-corn-caprolactone” a novel bioactive clay polymer nanofibrous scaffold for bone tissue engineering. <i>Applied Clay Science</i> , 2022, 220, 106455.	5.2	9
205	Reattachment of crosslinked poly(ethylene oxide) via chain interpenetration and reentanglement induced by a simple wetting process. <i>Polymer</i> , 2017, 129, 221-227.	3.8	8
206	Facile Green Preparation of Rhodium Nanoclusters Supported Nano-Scaled Graphene Platelets for Sonogashira Coupling Reaction and Reduction of p-Nitrophenol. <i>Catalysts</i> , 2019, 9, 908.	3.5	8
207	Effect of modified ZnO nanoparticle on the properties of polylactide ultrafine fibers. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47446.	2.6	8
208	The Effect of Softeners Applications on Moisture Management Properties of Polyester/Cotton Blended Sandwich Weft-Knitted Fabric Structure. <i>Coatings</i> , 2021, 11, 575.	2.6	8
209	Regenerated Silk Nanofibers for Robust and Cyclic Adsorption–Desorption on Anionic Dyes. <i>Langmuir</i> , 2022, 38, 6376-6386.	3.5	8
210	Development of novel synthetic method of carbon nanotubes from electrospun polystyrene fibers by using microwave heating. <i>Polymers for Advanced Technologies</i> , 2011, 22, 2653-2658.	3.2	7
211	Fabrication and deodorizing efficiency of nanostructured core–sheath TiO ₂ nanofibers. <i>Journal of Applied Polymer Science</i> , 2012, 125, 2929-2935.	2.6	7
212	Cultivation of a Cu/HMPC catalyst from a hyperaccumulating mustard plant for highly efficient and selective coupling reactions under mild conditions. <i>RSC Advances</i> , 2018, 8, 4531-4547.	3.6	7
213	Fabrication of superhydrophobic polylactide films with ultraviolet–shielding properties. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47760.	2.6	7
214	Effect of Heat Treatment on the Damping Capacity of Austempered Ductile Cast Iron. <i>Materials Transactions</i> , 2009, 50, 1390-1395.	1.2	6
215	Evaluation of particle size and shape distributions in Al–3Ni Functionally Graded Materials fabricated by a semi-solid forming process. <i>International Journal of Materials and Product Technology</i> , 2010, 39, 108.	0.2	6
216	Effects of mechanical force on crystalline structure of electrospun poly(1-butene) membranes. <i>Polymer International</i> , 2011, 60, 1442-1445.	3.1	6

#	ARTICLE	IF	CITATIONS
217	A Simple Method for the Fabrication of Metallic Copper Nanospheres-Decorated Cellulose Nanofiber Composite. <i>Journal of Materials Science and Technology</i> , 2016, 32, 605-610.	10.7	6
218	Effective Formation of Well-Defined Polymeric Microfibers and Nanofibers with Exceptional Uniformity by Simple Mechanical Needle Spinning. <i>Polymers</i> , 2018, 10, 980.	4.5	6
219	Preparation and characterization of Juniperus chinensis extract-loaded polyurethane nanofiber laminate with polyurethane resin on polyethylene terephthalate fabric. <i>Polymer Bulletin</i> , 2020, 77, 919-928.	3.3	6
220	Effect of microalloying on the creep strength and microstructure of an eutectic Sn-Pb solder alloy. <i>Journal of Electronic Materials</i> , 1999, 28, 1286-1289.	2.2	5
221	Fabrication and Fibroblast Attachment Property of Regenerated Silk Fibroin/Tetramethoxysilane Nanofibrous Biocomposites. <i>Advanced Engineering Materials</i> , 2012, 14, B258.	3.5	5
222	Effects of Fe ²⁺ ions on morphologies, microstructures and mechanical properties of electrospun nylon-6 nanofibers. <i>Polymer International</i> , 2014, 63, 266-272.	3.1	5
223	Ionic cross-linking of cellulose nanofibers: an approach to enhance mechanical stability for dynamic adsorption. <i>Environmental Science and Pollution Research</i> , 2019, 26, 28842-28851.	5.3	5
224	Development and characterization of composite carbon nanofibers surface-coated with ZnO/Ag nanoparticle arrays for ammonia sensor application. <i>Materials Today Communications</i> , 2020, 24, 101213.	1.9	5
225	Antibacterial Chitosan Hybrid Films with N-Halamine-Functionalized Graphene Oxide. <i>Nano</i> , 2020, 15, 2050027.	1.0	5
226	Introducing Deep Eutectic Solvents as a Water-Free Dyeing Medium for Poly (1,4-cyclohexane) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38.	4.5	5
227	Fabrication and characterization of colorimetric polymer based novel nanofibers for sensing and blocking of bacterial. <i>Materials Research Express</i> , 2020, 7, 085405.	1.6	5
228	Polyacrylonitrile Nanofibers Containing Viroblock as Promising Material for Protective Clothing. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 11469.	2.5	5
229	Impact of Novel Varietal and Regional Differences on Cotton Fiber Quality Characteristics. <i>Materials</i> , 2022, 15, 3242.	2.9	5
230	Fabrication of PVA-BaSO ₄ hybrid nanofibers and dispersion of BaSO ₄ particles via ultrasonic electrospinning. <i>Fibers and Polymers</i> , 2010, 11, 1123-1127.	2.1	4
231	Carbon Nanocomposites: Preparation and Its Application in Catalytic Organic Transformations. , 0 , ,		4
232	Stepwise Construction of Ru(II)Center Containing Chiral Thiourea Ligand on Graphene Oxide: First Efficient, Reusable, and Stable Catalyst for Asymmetric Transfer Hydrogenation of Ketones. <i>Catalysts</i> , 2020, 10, 175.	3.5	4
233	Frictional Properties of Electrospun Polyurethane Nanofiber Web. <i>Tribology Online</i> , 2010, 5, 262-265.	0.9	3
234	Thermal insulation property of Cu-metallized nanofibers. <i>Advances in Polymer Technology</i> , 2012, 31, 1-6.	1.7	3

#	ARTICLE	IF	CITATIONS
235	Fabrication of CuO nanotubes by electrospinning, metallisation and annealing. Journal of Experimental Nanoscience, 2013, 8, 852-858.	2.4	3
236	Effect of POSS content on the electrical, thermal, mechanical, and wetting properties of electrospun polyacrylonitrile (PAN)/POSS nanofibrous mats. Journal of Experimental Nanoscience, 2016, 11, 500-511.	2.4	3
237	Interactions between Halloysite Nanotubes and Poly(styrene sulfonate) in Solution. Bulletin of the Korean Chemical Society, 2017, 38, 107-111.	1.9	3
238	Cytocompatibility and Osteogenesis of Adipose Tissue-Derived Stem Cells on POSS-PEG Coated Collagen. Journal of Nanoscience and Nanotechnology, 2018, 18, 4439-4444.	0.9	3
239	Preparation, Characterization, and Applications of Electrospun Carbon Nanofibers and Its Composites. , 0, , .		3
240	Application of Nanowires for Retinal Regeneration. , 2020, , .		3
241	Electroless Deposition: A Superficial Route to Synthesis of Highly Conductive Electrospun Nylon 6 Nanofibers. Fibers and Polymers, 2022, 23, 680-689.	2.1	3
242	Electrospun Composite Nanofibers for Functional Applications. Polymers, 2022, 14, 2290.	4.5	3
243	Failure modes and mechanism of cleanroom garment. Fibers and Polymers, 2012, 13, 397-402.	2.1	2
244	Characterization of nano-structured poly(μ -caprolactone) membranes with DNA-doped polypyrrole via sonication-induced layer-by-layer assembly. Textile Research Journal, 2019, 89, 1267-1275.	2.2	2
245	Composite Nanofibers: Recent Progress in Adsorptive Removal and Photocatalytic Degradation of Dyes. , 2020, , .		2
246	Effect of Subzero Treatment on the Microstructure and Mechanical Properties of Austempered Ductile Cast Iron. Materials Transactions, 2009, 50, 2207-2211.	1.2	1
247	Mechanical Properties Evaluation of Nanofiber/Webs. Key Engineering Materials, 2011, 464, 20-23.	0.4	1
248	Fabrication of Low-Twist and High-Strength Metallic Fibre Hybrid Spun Yarns. Applied Sciences (Switzerland), 2022, 12, 3413.	2.5	1
249	Effect of Nanorough Surface in Evaluating the Handle of Nanofiber Web. Journal of Nanoscience and Nanotechnology, 2011, 11, 2025-2030.	0.9	0
250	Wiping Frictional Properties of Electrospun Hydrophobic/Hydrophilic Polyurethane Nanofiber-Webs on Soda-Lime Glass and Silicon-Wafer. Journal of Nanoscience and Nanotechnology, 2013, 13, 2582-2588.	0.9	0
251	A facile method for the preparation of a high-performance, hybrid separator for use in lithium-ion batteries. Textile Research Journal, 2021, 91, 2508-2517.	2.2	0
252	Development of a Versatile Tensile Tester for Ultra-fine Fibers. Journal of Textile Engineering, 2011, 57, 15-20.	0.2	0