Xueqin Li

List of Publications by Year
in descending order

29	315	932766 10	940134 16
papers	citations	h-index	g-index

29	29	29	327
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Electric field distribution and jet motion in electrospinning process: from needle to hole. Journal of Materials Science, 2013, 48, 6647-6655.	1.7	43
2	Waterproof and breathable polyacrylonitrile/(polyurethane/fluorinated-silica) composite nanofiber membrane via side-by-side electrospinning. Journal of Materials Research, 2020, 35, 1173-1181.	1.2	31
3	Preparation of Waterproof and Breathable Polyurethane Fiber Membrane Modified by Fluorosilane-modified Silica. Fibers and Polymers, 2020, 21, 954-964.	1.1	25
4	Coaxial Electrospinning: Jet Motion, Coreâ€“Shell Fiber Morphology, and Structure as a Function of Material Parameters. Industrial & Engineering Chemistry Research, 2020, 59, 6301-6308.	1.8	22
5	Effect of Electric Field on the Directly Electrospun Nanofiber Yarns: Simulation and Experimental Study. Fibers and Polymers, 2018, 19, 116-124.	1.1	21
6	Preparation and Characterization of Electrospun PAN/PSA Carbonized Nanofibers: Experiment and Simulation Study. Nanomaterials, 2018, 8, 821.	1.9	20
7	Investigation into Jet Motion and Fiber Properties Induced by Electric Fields in Melt Electrospinning. Industrial & Engineering Chemistry Research, 2020, 59, 2163-2170.	1.8	17
8	Tailoring doubleâ€layered fibrous mat of modified polypropylene/cotton fabric for the function of directional moisture transport. Journal of Applied Polymer Science, 2020, 137, 49530.	1.3	16
9	Preparation and characterization of polysulfone amide nanoyarns by the dynamic rotating electrospinning method. Textile Reseach Journal, 2019, 89, 52-62.	1.1	15
10	Effects of Jet Path on Electrospun Polystyrene Fibers. Polymers, 2018, 10, 842.	2.0	14
11	Application of surface wettability modified polypropylene nonwoven in Janus composite fibrous mats for the function of directional water transport. Polymers for Advanced Technologies, 2019, 30, 3038-3048.	1.6	10
12	Surface morphologies of electrospun polystyrene fibers induced by an electric field. Textile Reseach Journal, 2019, 89, 3850-3859.	1.1	9
13	The Effects of Electric Field on Jet Behavior and Fiber Properties in Melt Electrospinning. Fibers and Polymers, 2020, 21, 984-992.	1.1	9
14	Effects of surface morphology of electrospun polystyrene fiber on its air filtration performance. Journal of Industrial Textiles, 2022, 51, 3077S-3093S.	1.1	9
15	Effects of Temperature on Melt Electrospinning: Experiment and Simulation Study. Fibers and Polymers, 2021, 22, 964-971.	1.1	8
16	Roles of Coaxial Spinneret in Taylor Cone and Morphology of Coreâ€“Shell Fibers. Industrial & Engineering Chemistry Research, 2018, 57, 17310-17317.	1.8	7
17	Fabrication and Characterization of Graphene Enriched Polysulfon Amide Nanocomposites by Electrospinning System. Fibers and Polymers, 2018, 19, 357-363.	1.1	6
18	Design of a novel coâ€electrospinning system with flat spinneret for producing helical nanofibers. Journal of Polymer Science, Part B: Polymer Physics, 2019, 57, 1496-1505.	2.4	6

#	Article	IF	Citations
19	Melt-Electrospun Polyvinylbutyral Bonded Polypropylene Composite Fibrous Mat: Spinning Process, Structure and Mechanical Property Study. Fibers and Polymers, 2020, 21, 1430-1437.	1.1	6
20	Simulation of Jet Motion during Electrospinning Process through Coupled Multiphysics Method. Fibers and Polymers, 2019, 20, 113-119.	1.1	5
21	Fiber recognition with machine learning methods by fiber tensile fracture via acoustic emission method. Textile Reseach Journal, 2020, 90, 2552-2563.	1.1	5
22	Study on fiber fracture sequence during yarn tensile fracture via acoustic emission method. Journal of the Textile Institute, 2021, 112, 417-428.	1.0	4
23	Effects of Electric Filed on Electrospray Process: Experimental and Simulation Study. Fibers and Polymers, 2020, 21, 2695-2705.	1.1	4
24	Preparation and characterization of composite fibrous membranes for oil spill cleanup. Textile Reseach Journal, 2020, 90, 313-322.	1.1	3
25	Investigation of tensile behavior and failure mechanism of woven fabric based on acoustic emission. Journal of the Textile Institute, 2021, 112, 1631-1638.	1.0	0
26	The Effect of Orientation Degree of Electrospun Polystyrene Fiber on Filtration Performance of Fiber Membrane. AATCC Journal of Research, 2022, 9, 90-97.	0.3	0
27	Effects of temperature on melt electrospinning with auxiliary heating: experiment and simulation study. Textile Reseach Journal, 0, , 004051752110582.	1.1	0
28	Preparation and Formation Mechanism of Electrospun Porous Beaded Fibers. AATCC Journal of Research, 2022, 9, 134-142.	0.3	0
29	Mechanism and experimental simulation of non-isothermal melt formation induced by voltage change under auxiliary heating. Textile Reseach Journal, 0, , 004051752210942.	1.1	0