Maryam Yousefzadeh

List of Publications by Year
in descending order

31 papers	658 citations	516215 16 h-index	642321 23 g-index
31 all docs	31 docs citations	31 times ranked	940 citing authors

#	Article	IF	Citations
1	Producing continuous twisted yarn from wellâ€aligned nanofibers by water vortex. Polymer Engineering and Science, 2011, 51, 323-329.	1.5	77
2	Highly porous TiO2 nanofibers by humid-electrospinning with enhanced photocatalytic properties. Journal of Alloys and Compounds, 2019, 790, 257-265.	2.8	59
3	Electrospinning research and products: The road and the way forward. Applied Physics Reviews, 2022, 9, .	5.5	50
4	Studying the Potential Application of Electrospun Polyethylene Terephthalate/Graphene Oxide Nanofibers as Electroconductive Cardiac Patch. Macromolecular Materials and Engineering, 2019, 304, 1900187.	1.7	44
5	Enhancement of Î²â€Phase Crystalline Structure and Piezoelectric Properties of Flexible PVDF/Ionic Liquid Surfactant Composite Nanofibers for Potential Application in Sensing and Selfâ€Powering. Macromolecular Materials and Engineering, 2020, 305, 1900796.	1.7	41
6	Characteristics of ZnOâ€“SnO₂ Composite Nanofibers as a Photoanode in Dye-Sensitized Solar Cells. Industrial & Engineering Chemistry Research, 2019, 58, 643-653.	1.8	35
7	Highâ€efficiency preparation of polypropylene nanofiber by melt differential centrifugal electrospinning. Journal of Applied Polymer Science, 2020, 137, 48299.	1.3	33
8	Fabrication, characterization and electromagnetic wave absorption properties of covalently modified reduced graphene oxide based on dinuclear cobalt complex. Composites Part B: Engineering, 2019, 162, 569-579.	5.9	32
9	Electrospun polyethylene terephthalate (PET) nanofibrous conduit for biomedical application. Polymers for Advanced Technologies, 2020, 31, 284-296.	1.6	32
10	Electrospun PET/PCL small diameter nanofibrous conduit for biomedical application. Materials Science and Engineering C, 2020, 110, 110692.	3.8	31
11	Characterizing bulkiness and hairiness of air-jet textured yarn using imaging techniques. Journal of the Textile Institute, 2005, 96, 251-255.	1.0	19
12	Investigation of thermal comfort in nanofibrous threeâ€layer fabric for cold weather protective clothing. Polymer Engineering and Science, 2019, 59, 2032-2040.	1.5	19
13	Fabrication of althea officinalis loaded electrospun nanofibrous scaffold for potential application of skin tissue engineering. Journal of Applied Polymer Science, 2020, 137, 48587.	1.3	19
14	Highly-efficient microwave absorptivity in reduced graphene oxide modified with PTA@ imidazolium based dicationic ionic liquid and fluorine atom. Composites Science and Technology, 2020, 188, 107960.	3.8	19
15	Melt-electrospinning of Polyphenylene Sulfide. Fibers and Polymers, 2018, 19, 2507-2513.	1.1	18
16	Effect of Geometrical Parameters on Piezoresponse of Nanofibrous Wearable Piezoelectric Nanofabrics Under Low Impact Pressure. Macromolecular Materials and Engineering, 2021, 306, .	1.7	17
17	Modeling performance of electrospun nanofibers and nanofibrous assemblies. , 2017, , 303-337.		11
18	Nanofiber Technology: History and Developments. , 2018, , 1-42.		11

#	Article	IF	Citations
19	Wearable Technologies in Sportswear. , 2019, , 123-160.		11
20	High performance antiâ€smog window screens via electrospun nanofibers. Journal of Applied Polymer Science, 2020, 137, 48657.	1.3	11
21	Polymer melt differential electrospinning from a linear slot spinneret. Journal of Applied Polymer Science, 2020, 137, 48922.	1.3	11
22	A Note on the 3D Structural Design of Electrospun Nanofibers. Journal of Engineered Fibers and Fabrics, 2012, 7, 155892501200700.	0.5	10
23	Modeling and simulation of the electrospinning process. , 2017, , 277-301.		10
24	Investigation of wicking phenomenon and tensile properties in threeâ€layer composite nanofibrous PA / PLLA yarn. Polymer Engineering and Science, 2021, 61, 576-585.	1.5	7
25	Effect of polyethylene wax/soy protein-based dispersion barrier coating on the physical, mechanical, and barrier characteristics of paperboards. Journal of Coatings Technology Research, 2021, 18, 247-257.	1.2	7
26	A note on neurofractal-based defect recognition and classification in nonwoven web images. Journal of the Textile Institute, 2010, 101, 46-51.	1.0	6
27	Nanofiber Technologies: History and Development. , 2019, , 3-43.		6
28	Design of Porous, Core-Shell, and Hollow Nanofibers. , 2018, , 1-58.		5
29	Functional Nanofiber for Drug Delivery Applications. , 2018, , 1-55.		3
30	Functional Nanofiber for Drug Delivery Applications. , 2019, , 775-829.		2
31	Electrical Connection Configurations for Polyvinylidene Fluoride Nanofabrics With Enhanced Piezoelectric Response. IEEE Sensors Journal, 2022, 22, 14944-14951.	2.4	2