

Cigdem Akduman

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

321
citations

1162889

8
h-index

1058333

14
g-index

18
all docs

18
docs citations

18
times ranked

539
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation and characterization of naproxen-loaded electrospun thermoplastic polyurethane nanofibers as a drug delivery system. <i>Materials Science and Engineering C</i> , 2016, 64, 383-390.	3.8	90
2	Application of textile waste derived biochars onto cotton fabric for improved performance and functional properties. <i>Journal of Cleaner Production</i> , 2020, 251, 119664.	4.6	38
3	Nanofibers in face masks and respirators to provide better protection. <i>IOP Conference Series: Materials Science and Engineering</i> , 0, 460, 012013.	0.3	33
4	Cellulose acetate and polyvinylidene fluoride nanofiber mats for N95 respirators. <i>Journal of Industrial Textiles</i> , 2021, 50, 1239-1261.	1.1	32
5	Effects of Î²-cyclodextrin on selected properties of electrospun thermoplastic polyurethane nanofibres. <i>Carbohydrate Polymers</i> , 2014, 104, 42-49.	5.1	25
6	Crosslinking of poly(vinyl alcohol) nanofibres with polycarboxylic acids: biocompatibility with human skin keratinocyte cells. <i>Journal of Materials Science</i> , 2017, 52, 12098-12108.	1.7	18
7	Development of a new nanofibrous composite material from recycled nonwovens to improve sound absorption ability. <i>Journal of the Textile Institute</i> , 2020, 111, 189-201.	1.0	18
8	Electrospun Polyurethane Nanofibers. , 0, , .		17
9	Electrospun nanofiber membranes for adsorption of dye molecules from textile wastewater. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 254, 102001.	0.3	13
10	Electrospun Thermoplastic Polyurethane Mats Containing Naproxenâ€“ Cyclodextrin Inclusion Complex. <i>Autex Research Journal</i> , 2014, 14, 239-246.	0.6	9
11	Investigation of thermal comfort properties of electrospun thermoplastic polyurethane fiber coated knitted fabrics for windâ€“resistant clothing. <i>Polymer Engineering and Science</i> , 2021, 61, 669-679.	1.5	6
12	The Removal of Reactive Red 141 From Wastewater: A Study of Dye Adsorption Capability of Water-Stable Electrospun Polyvinyl Alcohol Nanofibers. <i>Autex Research Journal</i> , 2021, 21, 20-31.	0.6	6
13	Development and Characterization of Naproxen-Loaded Poly(vinyl alcohol) Nanofibers Crosslinked with Polycarboxylic Acids. <i>AATCC Journal of Research</i> , 2018, 5, 29-38.	0.3	5
14	Mikrofiltrasyon iÃ§in elektrolif Ã§ekim yÃ¶ntemi ile Ã¼retilmiÅŸ PVDF nanolifli membranlar: GÃ¼zenek boyutu ve kalÃ±nlÃ±n membran performansÃ±na etkisi. <i>European Journal of Science and Technology</i> , 0, , 247-255.	0.5	3
15	Investigation of Thermal Comfort Properties of Electrospun Nanofiber Mats. <i>Journal of Fashion Technology & Textile Engineering</i> , 0, s4, .	0.1	3
16	Fabrication and Characterization of Diatomite Functionalized Cellulose Acetate Nanofibers. <i>AATCC Journal of Research</i> , 2019, 6, 28-36.	0.3	3
17	The comparative study of nursing pads by electrospun cellulose acetate, polyethylene oxide and thermoplastic polyurethane nanofibers. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 459, 012029.	0.3	1
18	Filter life comparison of different levels of nanofiber coated cleanableâ€“surface filter for gas turbine. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50820.	1.3	1